

# Misurfuel®



## ELECTRONIC COMPUTING HEADS AND SPARE PARTS

# PRICE LIST 2020

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Metric Laboratories Certificates:

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VERSION	FUEL	CODES KITS	DESCRIPTION KITS	PG.
Standard	Liquid	TEW1-VM-B	Two-sided PETROL / LPG compact computing head kit - (old version)	04
		TEW1-VM-B2	Two-sided PETROL / LPG compact computing head kit - (New Version)	04
		TEW1-VM-M	One-sided PETROL / LPG compact computing head kit	04
		TW1.4-B-CM	PETROL - LPG - LNG SINGLE CHANEL Multiproducts computing head kit	07
		TW1-B.M-CB	Two-sided LNG Double Channel with Recovery computing head kit	09
		TW1-B.M-CM	One-sided LNG Double Channel with Recovery computing head kit	09
		TW1-B-CB	Two-sided PETROL - LPG - LNG SINGLE CHANEL computing head kit	06
		TW1-B-CM	One-sided PETROL - LPG - LNG SINGLE CHANEL computing head kit	06
		TW1-B-VB	Two-sided PETROL - LPG - LNG SINGLE CHANEL volumetric head kit	05
		TW1-B-VM	One-sided PETROL - LPG - LNG SINGLE CHANEL volumetric head kit	05
	GASEOUS	TW1-M-CB	Two-sided CNG (methane) computing head kit	08
		TW1-M-CM	One-sided CNG (methane) computing head kit	08
ATEX	Liquid	TW1.4nA-B-CM	PETROL - LPG - LNG SINGLE CHANEL Multiproducts head kit ATEX Version	12
		TW1nA-B.M-CB	Two-sided LNG Double Channel with Recovery computing head kit ATEX Version	14
		TW1nA-B.M-CM	One-sided LNG Double Channel with Recovery computing head kit ATEX Version	14
		TW1nA-B-CB	Two-sided PETROL - LPG - LNG SINGLE CHANEL computing head kit ATEX Version	11
		TW1nA-B-CM	One-sided PETROL - LPG - LNG SINGLE CHANEL computing head kit ATEX Version	11
		TW1nA-B-VB	Two-sided PETROL - LPG - LNG SINGLE CHANEL volumetric head kit ATEX Version	10
	TW1nA-B-VM	One-sided PETROL - LPG - LNG SINGLE CHANEL volumetric head kit ATEX Version	10	
	GASEOUS	TW1nA-M-CB	Two-sided CNG (methane) computing head kit ATEX Version	13
		TW1nA-M-CM	One-sided CNG (methane) computing head kit ATEX Version	13

CODES	PARTS FOR COMPUTING HEADS	PG.
TEW1-VM	Compact computing head kit for PETROL - LPG	04
TW1.4-B-CPU	Power supply-CPU board for PETROL - LPG - LNG Single Chanel multiproducts	16
TW1.4nA-B-CPU	Power supply-CPU board for PETROL - LPG - LNG Single Chanel multiproducts ATEX Version	16
TW1-B.M-CPU	Power supply-CPU board for LNG Double Channel with Recovery	16
TW1-B-CPU	Power supply-CPU board for PETROL - LPG - LNG Single Chanel	16
TW1-M-CPU	Power supply-CPU board for CNG (Methane)	16
TW1nA-B.M-CPU	Power supply-CPU board for LNG Double Channel with Recovery ATEX Version	16
TW1nA-B-CPU	Power supply-CPU board for PETROL - LPG - LNG Single Chanel ATEX Version	16
TW1nA-M-CPU	Power supply-CPU board for CNG (Methane) ATEX Version	16
TW1-DCN	Slave DISPLAY board without totalizer NO back-light	16
TW1-DCN-L	Slave DISPLAY board without totalizer with back-light	16
TW1-DCT	Master DISPLAY board with totalizer NO back-light	16
TW1-DCT-L	Master DISPLAY board with totalizer with back-light	16
TW1-DMN	Master DISPLAY board without totalizer NO back-light	16
TW1-DMN-L	Master DISPLAY board without totalizer with back-light	16
TW1-DPU-L	4 Unit Price Display with back-light card	17
TW1-DVN	Volumetric DISPLAY board without totalizer NO back-light	16
TW1-DVN-L	Volumetric DISPLAY board without totalizer with back-light	16
TW1-DVN-LC	DISPLAY board with Back-lighting for TEW1-VM-B	16
TW1-DVT	Volumetric DISPLAY board with totalizer NO back-light	16
TW1-DVT-L	Volumetric DISPLAY board with totalizer with back-light	16
TW1-STP	SETUP board	17







CODES	OPTIONS AND ACCESSORI FOR COMPUTING HEADS	PG.
TEW1-FL1	Flat cable for Two-sided compact computing (old version) TEW1-VM-B	17
TEW1-FL2	Flat cable for Two-sided compact computing (New Version) TEW1-VM-B2	17
TEW1-GC	Glands for cables in compact computing head kit	04
TW1-CPE	Frame for TW1-TEX	15
TW1-E0109	Pulser Eltomatic 01-09	15
TW1-FL1	Flat cable 3 connections	17
TW1-FL2	Flat cable 4 connections	17
TW1-FL3	Flat cable 5 connections	17
TW1-FL4	Flat cable 6 connections	17
TW1-FL5	Flat cable 7 connections	17
TW1-FL9	Flat cable 2 connections for TW1-DPU-L and TW1-MTE	17
TW1-IKT	Interface for Pre-setting keypad TEW1-TEX	15
TW1-ISS	CNG (methane) Self-Service Control Interface	15
TW1-MRE	Relay Module 3A 270 Vca 810 VA	15
TW1-MTE	4 Electromechanical Totalizer card	17
TW1nA-MRS	Solid State Relay Module 1A 270 Vcc-ca for ATEX Version	15
TW1-RCL	Leds back-lighting kit	15
TW1-RVL	Volumetric led back-lighting kit	15
TW1-TEX	Pre-setting keypad Extended with interface	15
TW1-TOT	Totalizer for DISPLAY board	17
TW1-TPE	Only Pre-setting keypad Extended without interface	15
TW1-TPR	Pre-setting keypad	15

**LIQUID FUEL (PETROL - LPG - etc.)  
COMPACT VOLUMETRIC HEAD KITS**









<p align="center"><b>TEW1-VM-M</b></p> <p align="center"><b>One-sided Compact computing head</b></p>  <p align="center"><b>TEW1-VM</b></p>	<p><b>COMPACT COMPUTING HEAD KIT</b> One-sided</p> <p><b>TEW1-VM-M</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Compact Volumetric Head code: TEW1-VM</li> <li>- n° 2 Glands for cables code: TEW1-GC</li> </ul> <p><b>Technical specifications of TEW1-VM:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Self-extinguishing Thermoplastic Housing IP 56</li> <li>- n° 1 Relay 5A, 250 Vca , 625 VA, N.O. contact for Motor/Pump</li> <li>- Back-lighting for Display (6 digit) with Leds and Diffuser</li> <li>- Output pulser repetition for supervision system</li> <li>- <b>Changeable comma position on display (xxx,yy or xxxx,y)</b></li> <li>- Electronic Totalizer (6 digits)</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pulser Eltomatic 01-09; pulse/turn to define; TW1-E0109 1,5 m cable</li> </ul>	<p align="center"><b>253,00 €</b></p> <p align="right">page 15</p>
<p align="center"><b>TEW1-VM-B2</b></p> <p align="center"><b>Two-sided compact computing head</b></p>  <p align="center"><b>TEW1-VM</b> Set as computing head</p> <p align="center">+</p>  <p align="center"><b>TEW1-VM</b> Set as second display (6 digit)</p>	<p><b>COMPACT COMPUTING HEAD KIT</b> Two-sided</p> <p><b>TEW1-VM-B2</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- n° 2 Compact Volumetric Head code: TEW1-VM</li> <li>- n° 4 Glands for cables code: TEW1-GC</li> <li>- Flat cable with two gland and two connections code: TEW1-FL2</li> </ul> <p><b>Technical specifications of TEW1-VM:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Self-extinguishing Thermoplastic Housing IP 56</li> <li>- n° 1 Relay 5A, 250 Vca , 625 VA, N.O. contact for Motor/Pump</li> <li>- Back-lighting for Display (6 digit) with Leds and Diffuser</li> <li>- Output pulser repetition for supervision system</li> <li>- <b>Changeable comma position on display (xxx,yy or xxxx,y)</b></li> <li>- Electronic Totalizer (6 digits)</li> <li>- By means of a jumper you can choose Computer Head or 2° Display (6 digit)</li> </ul>	<p align="center"><b>544,00 €</b></p>
<p align="center"><b>TEW1-VM-B</b> (Old Version)</p>  <p align="center">+</p>  <p align="center"><b>TEW1-VM + TW1-DVN-LC</b> Second Display Board (5 digit)</p>	<p><b>COMPACT COMPUTING HEAD KIT</b> Two-sided <b>old TEW1-VM-B</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- n° 1 Compact Volumetric Head code: TEW1-VM</li> <li>- n° 2 Glands for cables code: TEW1-GC</li> <li>- DISPLAY board with back-lighting with LED code: TW1-DVN</li> <li>- Flat cable with one gland and two connections code: TW1-RVL</li> <li>code: TEW1-FL1</li> </ul>	<p align="center"><b>426,00 €</b></p>
	<p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pulser Eltomatic 01-09; pulse/turn to define; TW1-E0109 1,5 m cable</li> </ul>	<p align="right">page 15</p>














**LIQUID FUEL (PETROL - LPG – LNG Single Channel - etc.)  
VOLUMETRIC COMPUTING HEAD KIT**

<p align="center"><b>TW1-B-VB</b> Two sided computing head</p>  <p align="center">Power supply-CPU board</p>  <p align="center">DISPLAY boards</p>  <p align="center">SETUP      FLAT</p>	<p><b>VOLUMETRIC HEAD KIT:</b>      Two-sided</p> <p><b>TW1-B-VB</b>      Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board                      code: TW1-B-CPU</li> <li>- DISPLAY board with totalizer                  code: TW1-DVT</li> <li>- DISPLAY board                                      code: TW1-DVN</li> <li>- SETUP board                                        code: TW1-STP</li> <li>- Flat cable 4 connections                        code: TW1-FL2</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- Arranged for pre-setting</li> <li>- n. 2 Relays 3A, 270 Vca , 810 VA, N.O. contact for E/V, E/Pump</li> <li>- n. 2 Relays 3A, 270 Vca , 810 VA, N.O. contact for signal lights</li> <li>- n. 1 host communicating line, 3 cables current loop, Logitron Protocol</li> <li>- Temperature compensation for LPG version</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for each Display TW1-DVT/DVN (230 Vca): with Led    TW1-RVL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad    TW1-TPR/TEX</li> <li>- Pulser Eltomatic 01-09; pulse/turn to define;      TW1-E0109 1,5 m cable</li> </ul>	<p align="right"><b>613,00 €</b></p> <p align="right">For backlight See Options</p> <p align="right">page 15 /pc on demand</p> <p align="right">page 15 page 15</p>
<p align="center"><b>TW1-B-VM</b> One-sided computing head</p>  <p align="center">Power supply-CPU board</p>  <p align="center">DISPLAY boards</p>  <p align="center">SETUP      FLAT</p>	<p><b>VOLUMETRIC HEAD KIT:</b>      One-sided</p> <p><b>TW1-B-VM</b>      Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board                      code: TW1-B-CPU</li> <li>- DISPLAY board with totalizer                  code: TW1-DVT</li> <li>- SETUP board                                        code: TW1-STP</li> <li>- Flat cable 3 connections                        code: TW1-FL1</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- Arranged for pre-setting</li> <li>- n. 2 Relays 3A, 270 Vca , 810 VA, N.O. contact for E/V, E/Pump</li> <li>- n. 2 Relays 3A, 270 Vca , 810 VA, N.O. contact for signal lights</li> <li>- n. 1 host communicating line, 3 cables current loop, Logitron Protocol</li> <li>- Temperature compensation for LPG version</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for Display TW1-DVT (230 Vca): with Led    TW1-RVL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad    TW1-TPR/TEX</li> <li>- Pulser Eltomatic 01-09; pulse/turn to define;      TW1-E0109 1,5 m cable</li> </ul>	<p align="right"><b>515,00 €</b></p> <p align="right">For backlight See Options</p> <p align="right">page 15 on demand</p> <p align="right">page 15 page 15</p>


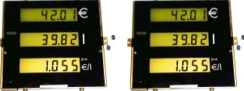






**LIQUID FUEL  
(PETROL - LPG - LNG Single Channel - etc.)  
COMPUTING HEAD KITS**

<p style="text-align: center;"><b>TW1-B-CB</b> Two sided computing head</p>  <p style="text-align: center;">Power supply –CPU board</p>  <p style="text-align: center;">DISPLAY boards</p>  <p style="text-align: center;">SETUP</p>  <p style="text-align: center;">FLAT</p>	<p><b>COMPUTING HEAD KIT:</b> Two-sided</p> <p><b>TW1-B-CB</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board code: TW1-B-CPU</li> <li>- DISPLAY board with totalizer code: TW1-DCT</li> <li>- DISPLAY board code: TW1-DCN</li> <li>- SETUP board code: TW1-STP</li> <li>- Flat cable 4 connections code: TW1-FL2</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 2 Relays 3A, 270 Vca , 810 VA, N.O. contact for E/V, E/Pump</li> <li>- n. 2 Relays 3A, 270 Vca , 810 VA, N.O. contact for signal lights</li> <li>- n. 1 host communication line, 3 cables current loop, Logitron Protocol</li> <li>- Temperature compensation for LPG version</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for each Display TW1-DCT/DCN (230 Vca): with Leds code: TW1-RCL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad TW1-TPR/TEX</li> <li>- Pulser Eltomatic 01-09; pulse/turn to define; TW1-E0109 1,5 m cable</li> </ul>	<p><b>901,00 €</b></p> <p>For backlight See Options</p> <p>page 15 /pc on demand</p> <p>page 15 page 15</p>
<p style="text-align: center;"><b>TW1-B-CM</b> One-sided computing head</p>  <p style="text-align: center;">Power supply-CPU board</p>  <p style="text-align: center;">DISPLAY board</p>  <p style="text-align: center;">SETUP</p>  <p style="text-align: center;">FLAT</p>	<p><b>COMPUTING HEAD KIT:</b> One-sided:</p> <p><b>TW1-B-CM</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board code: TW1-B-CPU</li> <li>- DISPLAY board with totalizer code: TW1-DCT</li> <li>- SETUP board code: TW1-STP</li> <li>- Flat cable 3 connections code: TW1-FL1</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 2 Relays 3A, 270 Vca , 810 VA, N.O. contact for E/V, E/Pump</li> <li>- n. 2 Relays 3A, 270 Vca , 810 VA, N.O. contact for signal lights</li> <li>- n. 1 host communicating line, 3 cables current loop, Logitron Protocol</li> <li>- Temperature compensation for LPG version</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for Display TW1-DCT (230 Vca): with Leds code: TW1-RCL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad TW1-TPR/TEX</li> <li>- Pulser Eltomatic 01-09; pulse/turn to define; TW1-E0109 1,5 m cable</li> </ul>	<p><b>659,00 €</b></p> <p>For backlight See Options</p> <p>page 15 on demand</p> <p>page 15 page 15</p>

## LIQUID FUEL (PETROL - LPG – LNG Single Channel - etc.) MULTIPRODUCTS COMPUTING HEAD KITS

<p style="text-align: center;"><b>TW1.4-B-CM</b> Computing head</p>  <p style="text-align: center;">Power supply –CPU board</p>  <p style="text-align: center;">DISPLAY board</p>  <p style="text-align: center;">SETUP</p>	<p><b>MULTIPRODUCTS COMPUTING HEAD KIT:</b></p> <p><b>TW1.4-B-CM</b> for: <b>4 products (4 nozzles) single side .....</b></p> <p>Composed of:</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board <span style="float: right;">TW1.4-B-CPU</span></li> <li>- Master DISPLAY (without electromechanical totalizer) <span style="float: right;">TW1-DMN</span></li> <li>- SETUP board <span style="float: right;">TW1-STP</span></li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 2x4 Relays 3A, 270 Vca, 810 VA, N.O. as multiplexer for E/Valves and E/Pumps</li> <li>- n. 2 Relays 3A, 270 Vca , 810 VA, N.O. in order to drive E/Valves and E/Pumps</li> <li>- n. 2 Relays 3A, 270 Vca , 810 VA, N.O. in order to drive signal lights</li> <li>- n. 1 host communication line, 3 cables current loop, Logitron Protocol</li> <li>- n. 1 Temperature compensation provided for LPG product only</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for Display TW1-DMN (230 Vca): with Leds <span style="float: right;">TW1-RCL</span></li> <li>- Own coding host communicating board</li> </ul>	<p><b>827,00 €</b></p> <p>For backlight See Options</p>
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 20px;">  <p>a)</p> </div> <div style="display: flex; justify-content: space-around; width: 100%;"> <div style="text-align: center;">  <p>b)</p> </div> <div style="text-align: center;">  <p>c)</p> </div> </div> <div style="margin-bottom: 20px;">  <p>d)</p> </div> <div style="display: flex; justify-content: space-around; width: 100%;"> <div style="text-align: center;">  <p>e)</p> </div> <div style="text-align: center;">  <p>f)</p> </div> </div> <div style="margin-bottom: 20px;">  <p>g) ...l)</p> </div> <div style="margin-bottom: 20px;">  <p>...etc</p> </div> </div>	<p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>a) Pulser Eltomatic 01-09; pulse/turn to define; <span style="float: right;">TW1-E0109</span> 1,5 m cable</li> <li>b) Pre-setting keypad <span style="float: right;">TW1-TPR</span></li> <li>c) Pre-setting keypad Extended with interface <span style="float: right;">TW1-TEX</span></li> <li>d)- Slave DISPLAY board without totalizer and without back-light <span style="float: right;">TW1-DCN</span></li> <li>- Slave DISPLAY board without totalizer with LED back-light <span style="float: right;">TW1-DCN-L</span></li> <li>e) 4 Unit Price Display with back-light card <span style="float: right;">TW1-DPU-L</span></li> <li>f) 4 Electromechanical Totalizer card only with present TW1-DPU-L <span style="float: right;">TW1-MTE</span></li> <li>g) Flat cable 2 connections for DPU-L/MTE <span style="float: right;">TW1-FL9</span></li> <li>h) Flat cable 3 connections <span style="float: right;">TW1-FL1</span></li> <li>i) Flat cable 4 connections <span style="float: right;">TW1-FL2</span></li> <li>l) Flat cable 5 connections <span style="float: right;">TW1-FL3</span></li> <li>m) Flat cable 6 connections <span style="float: right;">TW1-FL4</span></li> <li>n) Flat cable 7 connections <span style="float: right;">TW1-FL5</span></li> </ul>	<p>page 15 on demand</p> <p>page 15</p> <p>page 16</p> <p>page 17</p>

**GASEOUS FUEL  
CNG (METHANE)  
COMPUTING HEAD KITS**

<p><b>TW1-M-CB</b> <b>Two-sided computing head</b></p>  <p>Power supply –CPU board</p>  <p>DISPLAY boards</p>  <p>SETUP</p>  <p>FLAT</p>	<p><b>COMPUTING HEAD KIT : Two-sided</b></p> <p><b>TW1-M-CB</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board code: TW1-M-CPU</li> <li>- DISPLAY board with totalizer code: TW1-DCT</li> <li>- DISPLAY board code: TW1-DCN</li> <li>- SETUP board code: TW1-STP</li> <li>- Flat cable 4 connections code: TW1-FL2</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 5 Relays 3A, 270 Vca , 810 VA, N.O. for E/V and Signal Lights</li> <li>- n. 1 host communicating line, 3 cables current loop, Logitron Protocol</li> <li>- entrance signal from: Rheonik, Micromotion, Endress Hauser (10gr/imp) or from MODBUS (Krohne, Micromotion, Endress Hauser)</li> <li>- Temperature compensation</li> <li>- <b>Ready for Self-Service Operation</b> (Ministerial Decree 11/09/2008)</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for each Display TW1-DCT/DCN (230 Vca): with Led TW1-RCL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad TW1-TPR/TEX</li> </ul>	<p><b>926,00 €</b> For backlight See Options</p> <p>page 15 /pc on demand</p> <p>page 15</p>
<p><b>TW1-M-CM</b> <b>One-sided computing head</b></p>  <p>Power supply-CPU board</p>  <p>DISPLAY board</p>  <p>SETUP</p>  <p>FLAT</p>	<p><b>COMPUTING HEAD KIT: One-sided</b></p> <p><b>TW1-M-CM</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board code: TW1-M-CPU</li> <li>- DISPLAY board with totalizer code: TW1-DCT</li> <li>- SETUP board code: TW1-STP</li> <li>- Flat cable 3 connections code: TW1-FL1</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 5 Relays 3A, 270 Vca , 810 VA, N.O. for E/V and Signal Lights</li> <li>- n. 1 host communicating line, 3 cables current loop, Logitron Protocol</li> <li>- entrance signal from: Rheonik, Micromotion, Endress Hauser (10gr/imp) or from MODBUS (Krohne, Micromotion, Endress Hauser)</li> <li>- Temperature compensation</li> <li>- <b>Ready for Self-Service Operation</b> (Ministerial Decree 11/09/2008)</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for Display TW1-DCT (230 Vca): with Led TW1-RCL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad TW1-TPR/TEX</li> </ul>	<p><b>684,00 €</b> For backlight See Options</p> <p>page 15 on demand</p> <p>page 15</p>



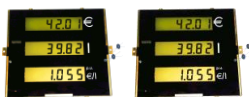
**LIQUID FUEL  
LNG Double Channel with Recovery  
COMPUTING HEAD KITS**

**TW1-B.M-CB**

**Two-sided computing head**



Power supply - CPU board



DISPLAY boards



SETUP



FLAT

**COMPUTING HEAD KIT : Two-sided**

**TW1-B.M-CB** Composed of: .....

- Power supply – CPU board code: TW1-B.M-CPU
- DISPLAY board (without electromechanical totalizer) TW1-DMN
- DISPLAY board code: TW1-DCN
- SETUP board code: TW1-STP
- Flat cable 5 connections code: TW1-FL3

**Technical specifications:**

- Power supply 230 Vca
- Passivated steel cabinets
- n. 5 Relays 3A, 270 Vca , 810 VA, N.O. for E/V and Signal Lights
- n. 1 host communicating line, 3 cables current loop, Logitron Protocol
- dual entrance signal from: Rheonik, Micromotion, Endress Hauser (10gr/imp) or from MODBUS (Krohne, Micromotion, Endress Hauser)
- auxiliary channel counting for recovery (for pressure & temperature reduction)
- Temperature compensation

**Options:**

- Back-lighting for each Display TW1-DMN/DCN (230 Vca):  
with Led TW1-RCL
- Own coding host communicating board

**Accessories:**

- Pre-setting keypad TW1-TPR/TEX

**931,00 €**

For backlight  
See Options

page 15 /pc  
on demand

page 15

**TW1-B.M-CM**

**One-sided computing head**



Power supply-CPU board



DISPLAY board



SETUP



FLAT

**COMPUTING HEAD KIT: One-sided**

**TW1-B.M-CM** Composed of: .....

- Power supply – CPU board code: TW1-B.M-CPU
- DISPLAY board (without electromechanical totalizer) TW1-DMN
- SETUP board code: TW1-STP
- Flat cable 4 connections code: TW1-FL2

**Technical specifications:**

- Power supply 230 Vca
- Passivated steel cabinets
- n. 5 Relays 3A, 270 Vca , 810 VA, N.O. for E/V and Signal Lights
- n. 1 host communicating line, 3 cables current loop, Logitron Protocol
- dual entrance signal from: Rheonik, Micromotion, Endress Hauser (10gr/imp) or from MODBUS (Krohne, Micromotion, Endress Hauser)
- auxiliary channel counting for recovery (for pressure & temperature reduction)
- Temperature compensation

**Options:**

- Back-lighting for Display TW1-DMN (230 Vca):  
with Led TW1-RCL
- Own coding host communicating board

**Accessories:**

- Pre-setting keypad TW1-TPR/TEX









**689,00 €**

For backlight  
See  
Options









page 15  
on demand

page 15













**LIQUID FUEL  
(PETROL - LPG – LNG Single Channel - etc.)  
VOLUMETRIC ATEX Version Ex nA IIC T4 X**

<p><b>TW1nA-B-VB</b> Two sided computing head</p>  <p>Power supply-CPU board</p>  <p>DISPLAY boards</p>  <p>SETUP</p>  <p>FLAT</p>	<p><b>VOLUMETRIC HEAD KIT:</b> Two-sided</p> <p><b>TW1nA-B-VB</b> Composed of: .....</p> <ul style="list-style-type: none"><li>- Power supply – CPU board code: TW1nA-B-CPU</li><li>- DISPLAY board with totalizer code: TW1-DVT</li><li>- DISPLAY board code: TW1-DVN</li><li>- SETUP board code: TW1-STP</li><li>- Flat cable 4 connections code: TW1-FL2</li></ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"><li>- Power supply 230 Vca</li><li>- Passivated steel cabinets</li><li>- n. 4 Solid State Relays 1A, 270 Vca , 270 VA, N.O. for E/V, E/Pump and Signal Lights</li><li>- n. 1 host communication line, 3 cables current loop, Logitron Protocol</li><li>- Temperature compensation for LPG version</li></ul> <p><b>Options:</b></p> <ul style="list-style-type: none"><li>- Back-lighting for each Display TW1-DVT/DVN (230 Vca): with Led TW1-RVL</li><li>- Own coding host communicating board</li></ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"><li>- Pre-setting keypad TW1-TPR/TEX</li><li>- Pulser Eltomatic 01-09; pulse/turn to define; 1,5 m cable TW1-E0109</li></ul>	<p align="right"><b>748,00 €</b> <small>For backlight See Options</small></p> <p align="center">page 15 /pc on demand</p> <p align="center">page 15 page 15</p>
<p><b>TW1nA-B-VM</b> One-sided computing head</p>  <p>Power supply-CPU board</p>  <p>DISPLAY boards</p>  <p>SETUP</p>  <p>FLAT</p>	<p><b>VOLUMETRIC HEAD KIT:</b> One-sided</p> <p><b>TW1nA-B-VM</b> Composed of:.....</p> <ul style="list-style-type: none"><li>- Power supply – CPU board code: TW1nA-B-CPU</li><li>- DISPLAY board with totalizer code: TW1-DVT</li><li>- SETUP board code: TW1-STP</li><li>- Flat cable 3 connections code: TW1-FL1</li></ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"><li>- Power supply 230 Vca</li><li>- Passivated steel cabinets</li><li>- n. 4 Solid State Relays 1A, 270 Vca , 270 VA, N.O. for E/V, E/Pump and Signal Lights</li><li>- n. 1 host communication line, 3 cables current loop, Logitron Protocol</li><li>- Temperature compensation for LPG version</li></ul> <p><b>Options:</b></p> <ul style="list-style-type: none"><li>- Back-lighting for Display TW1-DVT (230 Vca): with Led TW1-RVL</li><li>- Own coding host communicating board</li></ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"><li>- Pre-setting keypad TW1-TPR/TEX</li><li>- Pulser Eltomatic 01-09; pulse/turn to define; 1,5 m cable TW1-E0109</li></ul>	<p align="right"><b>650,00 €</b> <small>For backlight See Options</small></p> <p align="center">page 15 on demand</p> <p align="center">page 15 page 15</p>

**LIQUID FUEL  
(PETROL - LPG – LNG Single Channel - etc.)  
ATEX Version Ex nA IIC T4 X**









<p align="center"><b>TW1nA-B-CB</b> Two sided computing head</p>  <p>Power supply –CPU board</p>  <p>DISPLAY boards</p>  <p>SETUP</p>  <p>FLAT</p>	<p><b>COMPUTING HEAD KIT:</b> Two-sided</p> <p><b>TW1nA-B-CB</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board code: TW1nA-B-CPU</li> <li>- DISPLAY board with totalizer code: TW1-DCT</li> <li>- DISPLAY board code: TW1-DCN</li> <li>- SETUP board code: TW1-STP</li> <li>- Flat cable 4 connections code: TW1-FL2</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 4 Solid State Relays 1A, 270 Vca , 270 VA, N.O. for E/V, E/Pump and Signal Lights</li> <li>- n. 1 host communication line, 3 cables current loop, Logitron Protocol</li> <li>- Temperature compensation for LPG version</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for each Display TW1-DCT/DCN (230 Vca): with Leds TW1-RCL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad TW1-TPR/TEX</li> <li>- Pulser Eltomatic 01-09; pulse/turn to define; TW1-E0109 1,5 m cable</li> </ul>	<p align="right"><b>1.036,00 €</b></p> <p align="right">For backlight See Options</p> <p align="right">page 15 /pc on demand</p> <p align="right">page 15 page 15</p>
<p align="center"><b>TW1nA-B-CM</b> One-sided computing head</p>  <p>Power supply-CPU board</p>  <p>DISPLAY board</p>  <p>SETUP</p>  <p>FLAT</p>	<p><b>COMPUTING HEAD KIT:</b> One-sided</p> <p><b>TW1nA-B-CM</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board code: TW1nA-B-CPU</li> <li>- DISPLAY board with totalizer code: TW1-DCT</li> <li>- SETUP board code: TW1-STP</li> <li>- Flat cable 3 connections code: TW1-FL1</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 4 Solid State Relays 1A, 270 Vca , 270 VA, N.O. for E/V, E/Pump and Signal Lights</li> <li>- n. 1 host communication line, 3 cables current loop, Logitron Protocol</li> <li>- Temperature compensation for LPG version</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for Display TW1-DCT (230 Vca): with Leds TW1-RCL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad TW1-TPR/TEX</li> <li>- Pulser Eltomatic 01-09; pulse/turn to define; TW1-E0109 1,5 m cable</li> </ul>	<p align="right"><b>794,00 €</b></p> <p align="right">For backlight See Options</p> <p align="right">page 15 /pc on demand</p> <p align="right">page 15 page 15</p>

**LIQUID FUEL  
(PETROL - LPG – LNG Single Channel - etc.)  
MULTIPRODUCTS ATEX Version Ex nA nC IIC T4 X**


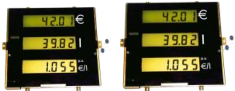


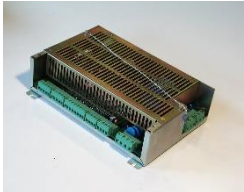



<p><b>TW1.4nA-B-CM</b> Computing head</p>  <p>Power supply –CPU board</p>  <p>DISPLAY board</p>  <p>SETUP</p>	<p><b>MULTIPRODUCTS COMPUTING HEAD KIT:</b></p> <p><b>TW1.4nA-B-CM</b> for: <b>4 products (4 nozzles) single side .....</b></p> <p>Composed of:</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board <span style="float: right;">TW1.4nA-B-CPU</span></li> <li>- Master DISPLAY board without totalizer <span style="float: right;">TW1-DMN</span></li> <li>- SETUP board <span style="float: right;">TW1-STP</span></li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 2x4 Relays 3A, 270 Vca, 810 VA, N.O. used as multiplexer, without load, for E/Valves and E/Pumps</li> <li>- n. 2 Solid State Relays 1A, 270 Vca , 270 VA, N.O. in order to drive E/Valves and E/Pumps</li> <li>- n. 2 Solid State Relays 1A, 270 Vca , 270 VA, N.O. in order to drive signal lights</li> <li>- n. 1 host communication line, 3 cables current loop, Logitron Protocol</li> <li>- n. 1 Temperature compensation provided for LPG product only</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for Display TW1-DMN (230 Vca): with Leds <span style="float: right;">TW1-RCL</span></li> <li>- Own coding host communicating board</li> </ul>	<p><b>965,00 €</b></p> <p>For backlight See Options</p> <p align="right">page 15 on demand</p>
<p>a) </p> <p>b)  c) </p> <p>d)  OR </p> <p>e)  f) </p> <p>g)  ...l)  ...etc</p>	<p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>a) Pulser Eltomatic 01-09; pulse/turn to define; <span style="float: right;">TW1-E0109</span> 1,5 m cable</li> <li>b) Pre-setting keypad <span style="float: right;">TW1-TPR</span></li> <li>c) Pre-setting keypad Extended with interface <span style="float: right;">TW1-TEX</span></li> <li>d)- Slave DISPLAY board without totalizer and without back-light <span style="float: right;">TW1-DCN</span></li> <li>- Slave DISPLAY board without totalizer with LED back-light <span style="float: right;">TW1-DCN-L</span></li> <li>e) 4 Unit Price Display with back-light card <span style="float: right;">TW1-DPU-L</span></li> <li>f) 4 Electromechanical Totalizer card only with present TW1-DPU-L <span style="float: right;">TW1-MTE</span></li> <li>g) Flat cable 2 connections for DPU-L/MTE <span style="float: right;">TW1-FL9</span></li> <li>h) Flat cable 3 connections <span style="float: right;">TW1-FL1</span></li> <li>i) Flat cable 4 connections <span style="float: right;">TW1-FL2</span></li> <li>l) Flat cable 5 connections <span style="float: right;">TW1-FL3</span></li> <li>m) Flat cable 6 connections <span style="float: right;">TW1-FL4</span></li> <li>n) Flat cable 7 connections <span style="float: right;">TW1-FL5</span></li> </ul>	<p align="right">page 15</p> <p align="right">page 16</p> <p align="right">page 17</p>














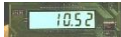
**GASEOUS FUEL  
CNG  
COMPUTING ATEX Version Ex nA IIC T4 X**

<p align="center"><b>TW1nA-M-CB</b> <b>Two-sided computing head</b></p>  <p align="center">Power supply –CPU board</p>  <p align="center">DISPLAY boards</p>  <p align="center">SETUP</p>  <p align="center">FLAT</p>	<p><b>COMPUTING HEAD KIT : Two-sided</b></p> <p><b>TW1nA-M-CB</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board code: TW1nA-M-CPU</li> <li>- DISPLAY board with totalizer code: TW1-DCT</li> <li>- DISPLAY board code: TW1-DCN</li> <li>- SETUP board code: TW1-STP</li> <li>- Flat cable 4 connections code: TW1-FL2</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 3+2 Solid State Relays 1A, 270 Vca , 270 VA, N.O. for E/V and Signal Lights</li> <li>- n. 1 host communicating line, 3 cables current loop, Logitron Protocol</li> <li>- entrance signal from: Rheonik, Micromotion, Endress Hauser (10gr/imp) or from MODBUS (Krohne, Micromotion, Endress Hauser)</li> <li>- Temperature compensation</li> <li>- <b>Ready for Self-Service Operation</b> (Ministerial Decree 11/09/2008)</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for each Display TW1-DCT/DCN (230 Vca): with Led TW1-RCL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad TW1-TPR/TEX</li> </ul>	<p align="center"><b>1.061,00 €</b></p> <p align="center">For backlight See Options</p> <p align="center">page 15 /pc on demand</p> <p align="center">page 15</p>
<p align="center"><b>TW1nA-M-CM</b> <b>One-sided computing head</b></p>  <p align="center">Power supply-CPU board</p>  <p align="center">DISPLAY board</p>  <p align="center">SETUP</p>  <p align="center">FLAT</p>	<p><b>COMPUTING HEAD KIT: One-sided</b></p> <p><b>TW1nA-M-CM</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board code: TW1nA-M-CPU</li> <li>- DISPLAY board with totalizer code: TW1-DCT</li> <li>- SETUP board code: TW1-STP</li> <li>- Flat cable 3 connections code: TW1-FL1</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 3+2 Solid State Relays 1A, 270 Vca , 270 VA, N.O. for E/V and Signal Lights</li> <li>- n. 1 host communicating line, 3 cables current loop, Logitron Protocol</li> <li>- entrance signal from: Rheonik, Micromotion, Endress Hauser (10gr/imp) or from MODBUS (Krohne, Micromotion, Endress Hauser)</li> <li>- Temperature compensation</li> <li>- <b>Ready for Self-Service Operation</b> (Ministerial Decree 11/09/2008)</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for Display TW1-DCT (230 Vca): with Led TW1-RCL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad TW1-TPR/TEX</li> </ul>	<p align="center"><b>819,00 €</b></p> <p align="center">For backlight See Options</p> <p align="center">page 15 on demand</p> <p align="center">page 15</p>

**LIQUID FUEL  
LNG Double Channel with Recovery  
COMPUTING ATEX Version Ex nA IIC T4 X**

<p><b>TW1nA-B.M-CB</b> <b>Two-sided computing head</b></p>  <p>Power supply –CPU board</p>  <p>DISPLAY boards</p>  <p>SETUP</p>  <p>FLAT</p>	<p><b>COMPUTING HEAD KIT : Two-sided</b></p> <p><b>TW1nA-B.M-CB</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board code:TW1nA-B.M-CPU</li> <li>- DISPLAY board (without electromechanical totalizer) TW1-DMN</li> <li>- DISPLAY board code: TW1-DCN</li> <li>- SETUP board code: TW1-STP</li> <li>- Flat cable 5 connections code: TW1-FL3</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 3+2 Solid State Relays 1A, 270 Vca , 270 VA, N.O.for E/V and Signal Lights</li> <li>- n. 1 host communicating line, 3 cables current loop, Logitron Protocol</li> <li>- <u>dual entrance signal</u> from: Rheonik, Micromotion, Endress Hauser (10gr/imp) or from MODBUS (Krohne, Micromotion, Endress Hauser)</li> <li>- <u>auxiliary channel counting for recovery</u> (for pressure &amp; temperature reduction)</li> <li>- Temperature compensation</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for each Display TW1-DMN/DCN (230 Vca): with Led TW1-RCL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>- Pre-setting keypad TW1-TPR/TEX</li> </ul>	<p><b>1.066,00 €</b> For backlight See Options</p> <p>page 15 /pc on demand</p> <p>page 15</p>
<p><b>TW1nA-B.M-CM</b> <b>One-sided computing head</b></p>  <p>Power supply-CPU board</p>  <p>DISPLAY board</p>  <p>SETUP</p>  <p>FLAT</p>	<p><b>COMPUTING HEAD KIT: One-sided</b></p> <p><b>TW1nA-B.M-CM</b> Composed of: .....</p> <ul style="list-style-type: none"> <li>- Power supply – CPU board code: TW1nA-B.M-CPU</li> <li>- DISPLAY board (without electromechanical totalizer) TW1-DMN</li> <li>- SETUP board code: TW1-STP</li> <li>- Flat cable 3 connections code: TW1-FL2</li> </ul> <p><b>Technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Power supply 230 Vca</li> <li>- Passivated steel cabinets</li> <li>- n. 3+2 Solid State Relays 1A, 270 Vca , 270 VA, N.O. for E/V and Signal Lights</li> <li>- n. 1 host communicating line, 3 cables current loop, Logitron Protocol</li> <li>- entrance signal from: Rheonik, Micromotion, Endress Hauser (10gr/imp) or from MODBUS (Krohne, Micromotion, Endress Hauser)</li> <li>- <u>dual entrance signal</u> from: Rheonik, Micromotion, Endress Hauser (10gr/imp) or from MODBUS (Krohne, Micromotion, Endress Hauser)</li> <li>- <u>auxiliary channel counting for recovery</u> (for pressure &amp; temperature reduction)</li> <li>- Temperature compensation</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>- Back-lighting for Display TW1-DMN (230 Vca): with Led TW1-RCL</li> <li>- Own coding host communicating board</li> </ul> <p><b>Accessories:</b> - Pre-setting keypad TW1-TPR/TEX</p>	<p><b>824,00 €</b> For backlight See Options</p> <p>page 15 on demand</p> <p>page 15</p>

## OPTIONS AND ACCESSORIES FOR COMPUTING HEADS




                  	<p style="text-align: center;"><b><u>OPTIONS:</u></b></p> <p>- <b>LED BACK-LIGHTING KIT</b> For each Display (230 Vca):</p> <p>for computing DISPLAY board TW1: </p> <p style="text-align: center;"><b>with Led</b> <span style="float: right;"><b>TW1-RCL</b></span> <span style="float: right;"><b>96,00 €</b></span></p> <p>for Volumetric Display board TW1: </p> <p style="text-align: center;"><b>with Led</b> <span style="float: right;"><b>TW1-RVL</b></span> <span style="float: right;"><b>41,00 €</b></span></p> <p style="text-align: center;"><b><u>ACCESSORIES:</u></b></p> <p>- <b>Pre-setting KEYPAD (Standard)</b> <span style="float: right;"><b>TW1-TPR</b></span> <span style="float: right;"><b>98,00 €</b></span></p> <p>- <b>Pre-setting KEYPAD (Extended)</b> <span style="float: right;"><b>TW1-TEX-(*)</b></span> <span style="float: right;"><b>176,00 €</b></span> With interface TW1-IKT Without Frame</p> <p>- <b>Only Pre-setting KEYPAD (Extended)</b> <span style="float: right;"><b>TW1-TPE-(*)</b></span> <span style="float: right;"><b>105,00 €</b></span> Without interface and Frame</p> <p>- <b>Frame for TW1-TEX o TW1-TPE</b> <span style="float: right;"><b>TW1-CPE</b></span> <span style="float: right;"><b>59,50 €</b></span></p> <p>- <b>Interface for TW1-TEX (Spare part)</b> <span style="float: right;"><b>TW1-IKT</b></span> <span style="float: right;"><b>72,50 €</b></span></p> <p>(* ) €; A=Sloty; B=Dinaro Algeria; C=Peso Argentina; D=Dirham Marocco</p> <p>- <b>Pulser Eltomatic 01-09;</b> <span style="float: right;"><b>TW1-E0109</b></span> <span style="float: right;"><b>225,00 €</b></span> pulse/ turn to define (up to 125 pulse/turn); 1,5 m cable</p> <p>- <b>CNG Self-Service Control Interface</b> <span style="float: right;"><b>TW1-ISS</b></span> <span style="float: right;"><b>72,50 €</b></span></p> <p style="text-align: center;"><b>Repeater Module of Alarm State Signal</b></p> <p>- <b>Module Relay 3A 270 Vca 810 VA</b> <span style="float: right;"><b>TW1-MRE</b></span> <span style="float: right;"><b>33,20 €</b></span></p> <p>- <b>Module Relay Solid State 1A 270 Vcc-ca</b> <span style="float: right;"><b>TW1nA-MRS</b></span> <span style="float: right;"><b>46,50 €</b></span></p>
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**Minimum order: n°5 pieces for each code and even not less than 500,00 € net.**

## PARTS FOR COMPUTING HEADS

One Product																				
	<p><b>PETROL - LPG - LNG Single Channel - COMPUTING HEAD:</b></p> <p>- Power supply-CPU board::</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Standard</td> <td style="width: 30%; text-align: right;">TW1-B-CPU</td> <td style="width: 40%; text-align: right;">290,00 €</td> </tr> <tr> <td>ATEX EX nA IIC T4 X</td> <td style="text-align: right;">TW1nA-B-CPU</td> <td style="text-align: right;">425,00 €</td> </tr> </table> <p><b>CNG (METHANE) COMPUTING HEAD:</b></p> <p>- Power supply-CPU board:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Standard</td> <td style="width: 30%; text-align: right;">TW1-M-CPU</td> <td style="width: 40%; text-align: right;">315,00 €</td> </tr> <tr> <td>ATEX EX nA IIC T4 X</td> <td style="text-align: right;">TW1nA-M-CPU</td> <td style="text-align: right;">450,00 €</td> </tr> </table> <p><b>LNG Double Channel with Recovery - COMPUTING HEAD:</b></p> <p>- Power supply-CPU board:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Standard</td> <td style="width: 30%; text-align: right;">TW1-B.M-CPU</td> <td style="width: 40%; text-align: right;">358,00 €</td> </tr> <tr> <td>ATEX EX nA IIC T4 X</td> <td style="text-align: right;">TW1nA-B.M-CPU</td> <td style="text-align: right;">493,00 €</td> </tr> </table>	Standard	TW1-B-CPU	290,00 €	ATEX EX nA IIC T4 X	TW1nA-B-CPU	425,00 €	Standard	TW1-M-CPU	315,00 €	ATEX EX nA IIC T4 X	TW1nA-M-CPU	450,00 €	Standard	TW1-B.M-CPU	358,00 €	ATEX EX nA IIC T4 X	TW1nA-B.M-CPU	493,00 €	
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ATEX EX nA IIC T4 X	TW1nA-B.M-CPU	493,00 €																		
	<p style="text-align: center;"><b>4 Products</b></p> <p><b>PETROL- LPG - LNG Single Channel - COMPUTING HEAD:</b></p> <p>4 products (4 channels) on the same side:</p> <p>- Power supply -CPU board:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Standard</td> <td style="width: 30%; text-align: right;">TW1.4-B-CPU</td> <td style="width: 40%; text-align: right;">530,00 €</td> </tr> <tr> <td>ATEX EX nA nC IIC T4 X</td> <td style="text-align: right;">TW1.4nA-B-CPU</td> <td style="text-align: right;">668,00 €</td> </tr> </table>	Standard	TW1.4-B-CPU	530,00 €	ATEX EX nA nC IIC T4 X	TW1.4nA-B-CPU	668,00 €													
Standard	TW1.4-B-CPU	530,00 €																		
ATEX EX nA nC IIC T4 X	TW1.4nA-B-CPU	668,00 €																		
        	<p>- Master DISPLAY board</p> <p>with totalizer: NO back-light: TW1-DCT 280,00 €</p> <p style="padding-left: 100px;">WITH LED back-light: TW1-DCT-L 376,00 €</p> <p>without totalizer: NO back-light: TW1-DMN 240,00 €</p> <p style="padding-left: 100px;">WITH LED back-light: TW1-DMN-L 336,00 €</p> <p>- Slave DISPLAY board without totalizer</p> <p style="padding-left: 100px;">NO back-light: TW1-DCN 240,00 €</p> <p style="padding-left: 100px;">WITH LED back-light: TW1-DCN-L 336,00 €</p> <p>- DISPLAY board with totalizer</p> <p style="padding-left: 100px;">NO back-light: TW1-DVT 136,00 €</p> <p style="padding-left: 100px;">WITH LED back-light: TW1-DVT-L 177,00 €</p> <p>- DISPLAY board without totalizer</p> <p style="padding-left: 100px;">NO back-light: TW1-DVN 96,00 €</p> <p style="padding-left: 100px;">WITH LED back-light: TW1-DVN-L 137,00 €</p> <p>- DISPLAY board with Back-lighting and flat cable with gland for TEW1-VM: TW1-DVN-LC 173,00 €</p>																			
<p><b>Minimum order: n°5 pieces for each code and even not less than 500,00 € net.</b></p>																				



PARTS FOR COMPUTING HEADS		
	<ul style="list-style-type: none"> <li>- 4 Unit Price Display with back-light card: TW1-DPU-L</li> <li>- 4 Electromechanical Totalizer card: TW1-MTE</li> <li>- SETUP board: TW1-STP</li> <li>- Totalizer for DISPLAY board: TW1-TOT</li> </ul>	<p><b>232,00 €</b></p> <p><b>194,00 €</b></p> <p><b>57,00 €</b></p> <p><b>63,00 €</b></p>
 <p>Ex: TW1-FL3</p>	<ul style="list-style-type: none"> <li>- Flat cable 3 connections: TW1-FL1</li> <li>- Flat cable 4 connections: TW1-FL2</li> <li>- Flat cable 5 connections: TW1-FL3</li> <li>- Flat cable 6 connections: TW1-FL4</li> <li>- Flat cable 7 connections: TW1-FL5</li> <li>- Flat cable 2 connections for TW1-DPU-L and TW1-MTE: TW1-FL9</li> </ul>	<p><b>32,00 €</b></p> <p><b>34,00 €</b></p> <p><b>36,00 €</b></p> <p><b>39,00 €</b></p> <p><b>41,00 €</b></p> <p><b>31,00 €</b></p>
	<ul style="list-style-type: none"> <li>- Flat cable with 1 gland and 2 connections: TEW1-FL1</li> <li>- Flat cable with 2 gland and 2 connections: TEW1-FL2</li> </ul>	<p><b>36,00 €</b></p> <p><b>38,00 €</b></p>
<p><b>Minimum order: n°5 pieces for each code and even not less than 500,00 € net.</b></p>		

## HOW TO ORDER

**Computing head TW1 or ATEX Version nA** TW1(nA) - \_ - \_ - \_ - \_ - \_

To add:

Kind of FUEL

- Liquid:

Petrol – LPG – LNG Single Channel ( <b>B</b> )	<b>B</b>	
LNG Double Channel ( <b>B.M</b> )	<b>B.M</b>	

- Gas:

CNG (Methane) ( <b>M</b> )	<b>M</b>	
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Kind of computing head: Counter (**C**); Volumetric(**V**)

- Display: Two-sided ( <b>B</b> ); One-sided ( <b>M</b> )	<b>C, V</b> <b>B, M</b>	
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Options (on demand)

- Back-lighting: with Led ( <b>L</b> );	<b>L</b>	
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**Accessories:**

- See codes pages : 15

**Computing head TW1.4 or ATEX Version nA** TW1.4(nA) - **B** - **C** \_ - \_

To add:

- Liquid fuel: Petrol – LPG – LNG Single Channel ( <b>B</b> )	<b>B</b>	
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- Kind of computing head: Counter ( <b>C</b> )	<b>C</b>	
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- Display: One-sided ( <b>M</b> ); Two-sided ( <b>B</b> )	<b>M,B</b>	
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Options (on demand)

- Back-lighting: with Led ( <b>L</b> )	<b>L</b>	
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**Accessories:**

- See codes pages : 7,11,15

**Computing head TEW1-VM** T E W 1 - V M - \_

To add:

- One-sided ( <b>M</b> ); Two-sided ( <b>B or B2</b> )	<b>M, B, B2</b>	
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**Accessories:**

- Pulser Eltomatic 01-09: See codes pages : 15

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## SALES CONDITIONS

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- ORDERS:** The conditions and the prices regarding all the products in this price list will be always written in our **Order Confirmation** which will be sent to the customer. This Confirmation of the order must be carefully controlled, signed for acceptance and returned to us, to let us carry out the order as described. We can't accept any claim after the accept of the Order Confirmation. If the customer doesn't send back the signed copy of the Confirmation, we will consider valid what was written in our Order Confirmation sent to the customer. Any communication regarding fiscal data of the customer must be sent as soon as possible. Any delay or problem coming from absence or wrong communication of fiscal data will be on customer charge.
- RESPONSIBILITY:** **At the moment of the order the customer shoulders the responsibility of knowing laws and rules for the application and the working of the equipment requested.**
- DELIVERY:** EX OUR WORKS – Transport is on customer total charge, also in particular cases of free port. Products are not covered by any insurance. Insurance for transport risks: on demand. The customer must verify the quantity and the conditions of the goods when they are delivered by the carrier; in case of irregularity the customer must make good his rights directly on the carrier. If the customer doesn't indicate any carrier, EsiWelma will chose it.
- PACKING:** Free for all the standard packing – For particular packing on demand, it will be valued at the moment of the offer.
- PRICES AND V.A.T.:** All prices stated are without V.A.T. and can be changed without any communication.
- MINIMUM ORDER:** 500,00 € net
- PAYMENT:** The payment must be done at the moment of the delivery if there isn't a different agreement. Interests of 3% above the prevailing official discount rate will be charged for late payment.
- DELIVERY TERMS:** The delivery date is specified on the Order Confirmation and it is significant for the departure of the goods from our works.
- GUARANTEE:** We offer one-year guarantee from the date of departure indicated on our delivery note. The guarantee is ex our works. Guarantee refers to EsiWelma products and not to all appliances and plants. EsiWelma keeps the right to decide in order to presence and failure reasons.
- CLAIMS AND RETURNS:** We don't accept any claims after 10 days from goods delivery. We don't accept any returns if not previously authorized by EsiWelma. Return products must be sent free our works and must state all supply references and failure report.
- ORDER CANCELLATION:** EsiWelma keeps the right not to carry out or to cancel all order or part of it in case of customer insolvency according to Art. 1461 Codice Civile.
- GOVERNING LAW:** Relationships shall be construed in accordance with and be governed by the laws of Italy.
- COMPETENT COURT:** Genova (ITALY) Forum.

**EsiWelma<sup>®</sup> s.r.l.**

**Via F.lli Canepa 134 D-E - 16010 Serra Riccò (GENOVA) ITALY**

**Tel.: Centr. +39 010 75.421.1 - Fax: +39 010 75.421.78**

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