

UR41

Gas detectors:

URxx41yy E ATEX II 2G Ex d IIC T6 Gb and MED/3.54 (IEC 60092-504) Certified

URxx41yy S ATEX II 3G Ex d IIC T6 Gb and MED/3.54 (IEC 60092-504) Certified

URxx41yy I IP65 protection degree and MED/3.54 (IEC 60092-504) Certified

URxx41yy L IP55 protection degree and MED/3.54 (IEC 60092-504) Certified



SENSIGAS®

The UR41 detectors are designed for local BUS operation for interfacing with Sensigas® UCE40MPA, Central Unit that, together with the MDD40 Display Module, perform monitoring tasks of the Gas Detection System.

The activation of the gas alarms takes place through the MAR40 Relay Modules.

The UR41 detectors plus UCE40MPA and MAR40 can work with voltage-free changeover contacts respectively for: - Pre-alarm, 1st Alarm Threshold, 2nd Alarm Threshold, Fault Sensor.

Power supply 10÷28Vdc.

Sensitive elements:

- Catalytic (S and P), Infrared (I) or Semiconductor (T) for flammable gases
- Electrochemical cell (S or P), Infrared (I) or Semiconductor (T) for toxic and refrigerant gases.

Up to three intervention thresholds. Automatic counting of the lifetime of the sensors.

Operating temperature: - 20 ÷ +50 °C or - 40 ÷ +70 °C for extended range

UR.41.E detectors are used to detect, by diffusion, the presence of several gases as indicated behind: generally, Hydrocarbons, as well as flammable and non-flammable Refrigerants, in areas classified as ATEX Zone 1 and Zone 2 in industrial environments, thermal power stations or similar places.

URS21E		URS21S		Type of Gas Detected
Detector model		Detector model		
Professional	Standard	Professional	Standard	
URG41PE	URG41SE	URG41SS	URG41SS	Methane gas detector
URP41PE	URS41SE	URP41SS	URS41SS	LPG detector
URB41PE	URB41SE	URB41SS	URB41SS	Petrol vapor detector
URM41PE	URM41SE	URM41SS	URM41SS	Ammonia detector
URI41PE	URI41SE	URI41SS	URI41SS	Hydrogen detector
URC41PE	URC41SE	URC41SS	URC41SS	Propane detector
URT41PE	URT41SE	URT41SS	URT41SS	Octane detector
URL41PE	URL41SE	URL41SS	URL41SS	Acetylene detector
URE41PE	URE41SE	URE41SS	URE41SS	Ethyl alcohol detector
	URO41SE		URO41SS	Carbon monoxide detector (CO)
	URS41SE		URS41SS	Oxygen detector (O2)
	URD41SE		URD41SS	Carbon dioxide detector (CO2)

URS41I		URS41L		Type of Gas Detected
Detector model		Detector model		
Professional	Standard	Professional	Standard	
URG41PI	URG41SI	URG41PL	URG41SL	Methane gas detector
URP41PI	URS41SI	URP41PL	URS41SL	LPG detector
URB41PI	URB41SI	URB41PL	URB41SL	Petrol vapor detector
URM41PI	URM41SI	URM41PL	URM41SL	Ammonia detector
URI41PI	URI41SI	URI41PL	URI41SL	Hydrogen detector
URC41PI	URC41SI	URC41PL	URC41SL	Propane detector
URT41PI	URT41SI	URT41PL	URT41SL	Octane detector
URL41PI	URL41SI	URL41PL	URL41SL	Acetylene detector
URE41PI	URE41SI	URE41PL	URE41SL	Ethyl alcohol detector
	URO41SI		URO41SL	Carbon monoxide detector (CO)
	URS41SI		URS41SL	Oxygen detector (O2)
	URD41SI		URD41SL	Carbon dioxide detector (CO2)

Detectors can be equipped and ordered with the following version prefixes:

DR = Display with Relè;

DN = Display without Relè

or with suffix:

EXR = Extended temperature range -40...+70°C (only for Professional - Not available for Oxygen)

See the technical manuals for more details.