

APPROVED IN ACCORDANCE WITH THE EUROPEAN STANDARD 2014/34/EU - ATEX



Exia

The intrinsic safety barriers for level sensors MULTIPOINT I (On-Off) allow to repeat, in a safe area, a NO or NC contact installed in an hazardous area.

Certificate N. **TUV 14 ATEX 147004X II 1GD Exia IIC T6.**

They are available in dual channel with full galvanic insulation between the two areas under control.



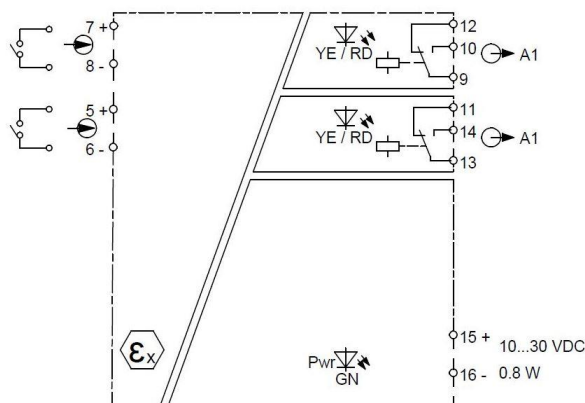
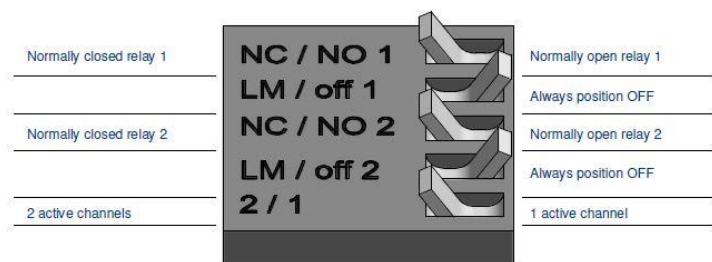
GENERAL CHARACTERISTICS

- Two measuring channel.
- LED operating indicator.
- Relay output.
- 35 mm DIN bar mounting.

TECHNICAL DATA Tab.1

Description	Technical data	Code
Type	Active barrier	A
Hazardous area – Safety grade	II 1GD Exia IIC T6	-
2 channels input	N. 2 channels (CH2) = N.2 contacts from the field	2SW
Hazardous area output	$U_o \leq 9,6V - I_o \leq 10mA - P_o \leq 24mW$	-
Safe area output	Relay – N.1 contact selectable NO or NC for each channel	1/2
Relay maximum load	250Vac -2A – 500VA - $\cos\phi > 0,7$ / 30Vdc – 2A – 60W	-
Power supply	10 ÷ 30 Vdc	24D
Power consumption	1,2W max.	-
Electrical insulation	2,5 kV	-
Working temperature range	-20°C ÷ +70°C	-
Degree of protection	IP20	-
Terminal board	$\leq 1,5 \text{ mm}^2$	-
Mounting	35 mm. DIN bar	-
Dimensions	120 x 117 x 12,5 mm Weight 163g	-

WIRING



NOMENCLATURE

BARRIERA	A	2SW	1/2	24D	Name
•					Tab.1 Active barrier
	•				Tab.1 N. of input channels
		•			Tab.1 Output contact selectable NO or NC for each channel
			•		Tab.1 Power supply