

- METALLIC CYLINDRICAL HOUSING M12x1
- AMPLIFIED 2 WIRES A.C.
- IN CONFORMITY WITH : - ATEX Directive 94/9/CE GROUP "II" CATEGORY "3" DUSTY ATMOSPHERES "D" (ZONE 22)
 - Electromagnetic compatibility directive 89/336 CE
 - Product norm EN60947-5-2



TS = EMBEDDABLE		PS = NOT EMBEDDABLE	
SAFETY FUNCTION FOR TEMPERATURES >75°C The ATEX approved inductive sensors are equipped with a device that irreversible interrupts functionality when the maximum temperature limit established by the norm has been exceeded and also in relation to the values printed on sensor label. This type of function makes the equipment safer in potentially explosive environments.		Dimensions mm	
TECHNICAL CHARACTERISTICS		TS	PS
	NO	SI12 - A2 NO AD3	SI12 - AE4 NO AD3
	NC	SI12 - A2 NC AD3	SI12 - AE4 NC AD3
Switching distance (Sn)	mm	2	4
Continuous voltage (res. ripple ≤ 10%)	V	20 ÷ 250 (Absolute maximum ratings)	
Hysteresis	%Sn	< 10 %	
Switching frequency	Hz	12	
Repeatability (at constant temperature)	%Sn	≤ 3	
Max output current	mA	300	
Min output current	mA	5	
Max peak current for 20ms	A	1.5	
Residual current	mA	< 1	
Voltage drop (output ON)	V	< 6	
Led		Incorporated	
Operating Temperature Range	°C	-25 ÷ +70	
Storage Temperature Range	°C	-25 ÷ +70	
Max temperature on the surface	°C	+80	
Additional temperature limit system		Non-reactable thermofuse at +75°C intervention	
IP rating	IP	67	
Housing		Nickelled brass	
Cable PVC	3m	2 x 0,35 mm ² shielded	
Marking		II 3D IP67 T=80°C	

