

- METALLIC CYLINDRICAL HOUSING M12x1
- AMPLIFIED 3 WIRES D.C. - SHIELDED CABLE
- 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		
		TS	PS	
TECHNICAL CHARACTERISTICS	NPN	NO	SI12 - C2 NPN NO AD3	SI12 - CE4 NPN NO AD3
		NC	SI12 - C2 NPN NC AD3	SI12 - CE4 NPN NC AD3
	PNP	NO	SI12 - C2 PNP NO AD3	SI12 - CE4 PNP NO AD3
		NC	SI12 - C2 PNP NC AD3	SI12 - CE4 PNP NC AD3
Switching distance (Sn)	mm	2	4	
Continuous voltage (res. ripple ≤ 10%)	V	10 ÷ 33 (Absolute maximum ratings ripple included)		
Hysteresis	%Sn	≤ 10		
Switching frequency	Hz	1000		
Repeatability (at constant temperature)	%Sn	≤ 3		
Max. output current	mA	200		
Max. no-load supply current	mA	≤ 15		
Voltage drop (output ON)	V	≤ 1.8		
Short circuit protection		Incorporated		
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-resettable at +75°C intervention		
IP rating	IP	67		
Housing		Nickelled brass		
Cable PVC	3m	3 x 0,35 mm ² shielded		
Marking		II 3D IP67 T=80°C		

