

- METALLIC CYLINDRICAL HOUSING M18x1
- AMPLIFIED 4 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	
<b>SAFETY FUNCTION FOR TEMPERATURES &gt;75°C</b>  The ATEX approved inductive sensors are equipped with a device that irreversibly 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
		TS	PS
TECHNICAL CHARACTERISTICS	NPN	SI18 - C5 NPN NO+NC AD3	SI18 - CE8 NPN NO+NC AD3
	PNP	SI18 - C5 PNP NO+NC AD3	SI18 - CE8 PNP NO+NC AD3
Switching distance (Sn)	mm	5	8
Continuous voltage (res. ripple ≤ 10%)	V	10 ÷ 33 (Absolute maximum ratings ripple included)	
Hysteresis	%Sn	≤ 10	
Switching frequency	Hz	1000	
Repeatability (at constant temp.)	%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	4 x 0,25 mm <sup>2</sup> shielded	
Marking			

