

- METALLIC CYLINDRICAL HOUSING M12x1
- 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 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+NC	<b>SI12 - C2 NPN NO+NC AD3</b>	<b>SI12 - CE4 NPN NO+NC AD3</b>
	PNP	NO+NC	<b>SI12 - C2 PNP NO+NC AD3</b>	<b>SI12 - CE4 PNP NO+NC AD3</b>
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 temp.)	%Sn		≤ 3	
Max output current	mA		200	
Max absorption	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-reactable at + 75°C intervention	
IP rating	IP		67	
Housing			Nickelled brass	
Cable PVC	3m		4 x 0,25 mm <sup>2</sup> shielded	
Marking			II 3D IP67 T=80°C	

