

- PLASTIC CYLINDRICAL HOUSING M30x1,5 (SC30SP)
- METALLIC CYLINDRICAL HOUSING M30x1,5 (SC30SM)
- 2 WIRES + EARTH D.C. / A.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 - Low Voltage directive 73/23 CE  
 - Product norm EN60947-5-2

TS = EMBEDDABLE		PS = NOT EMBEDDABLE	
<b>SAFETY FUNCTION FOR TEMPERATURES &gt;75°C</b> The ATEX approved capacitive 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
<b>TECHNICAL CHARACTERISTICS</b>	<b>NO</b>	SC30SP - A20 NO AD3	SC30SP - AE25 NO AD3
		SC30SM - A20 NO AD3	SC30SM - AE25 NO AD3
	<b>NC</b>	SC30SP - A20 NC AD3	SC30SP - AE25 NC AD3
		SC30SM - A20 NC AD3	SC30SM - AE25 NC AD3
Switching distance (Sn) adjustable	mm	0 ÷ 20	0 ÷ 25
Continuous voltage (res. ripple ≤ 10%)	V	20 ÷ 250 (Absolute maximum ratings ripple included)	
Alternating voltage 50-60 Hz	V	20 ÷ 250 (Absolute maximum ratings)	
Hysteresis	%Sn	≤ 20	
Switching frequency	Hz	10	
Repeatability (at constant temperature)	%Sn	< 5	
Max output current	mA	500	
Min output current	mA	10 (Min. release current)	
Max peak current for 20 mS	A	1.5	
Residual current	mA	≤ 2	
Voltage drop (output ON)	V	< 4	
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		Plastic (Grey polycarbonate) or Metallic (Nickelled brass)	
Cable PVC	3m	3 x 0,35 mm <sup>2</sup> shielded	
Marking			

