

- PLASTIC CYLINDRICAL HOUSING M18x1 (SC18SP)
- METALLIC CYLINDRICAL HOUSING M18x1 (SC18SM)
- 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 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.		<b>Dimensions mm</b>	
		<b>TS</b>	<b>PS</b>
<b>TECHNICAL CHARACTERISTICS</b>	<b>NPN</b>	NO+NC	<b>SC18SP - C5 NPN NO+NC AD3</b>
			<b>SC18SM - C5 NPN NO+NC AD3</b>
	<b>PNP</b>	NO+NC	<b>SC18SP - C5 PNP NO+NC AD3</b>
			<b>SC18SM - C5 PNP NO+NC AD3</b>
Switching distance (Sn) adjustable	mm	0 ÷ 5	0 ÷ 10
Continuous voltage (res. ripple ≤ 10%)	V	10 ÷ 40 (Absolute maximum ratings ripple included)	
Hysteresis	%Sn	≤ 20	
Switching frequency	Hz	10	
Repeatability (at constant temperature)	%Sn	≤ 5	
Max. current supply	mA	200	
Max. no-load supply current	mA	≤ 10	
Voltage drop (output ON)	V	≤ 1.8	
Short circuit protection		Incorporated	
Led		Incorporated	
Operating temperature range	°C	-20 ÷ +70	
Storage temperature range	°C	-20 ÷ +70	
Max temperature on the surface	°C	+ 80	
Additional temperature limit system		Non-resettable at + 75°C intervention	
IP rating	IP	67	
Housing		Plastic (Grey polycarbonate) or Metallic (Nickelled brass)	
Cable PVC	3m	4 x 0,25 mm <sup>2</sup> shielded	
Marking		II 3D IP67 T=80°C	

