

- PLASTIC CYLINDRICAL HOUSING M30x1,5 (SC30SP)
- METALLIC CYLINDRICAL HOUSING M30x1,5 (SC30SM)
- 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	
SAFETY FUNCTION FOR TEMPERATURES >75°C 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
TECHNICAL CHARACTERISTICS	NPN	NO+NC	SC30SP - C20 NPN NO+NC AD3 SC30SM - C20 NPN NO+NC AD3
	PNP	NO+NC	SC30SP - CE25 NPN NO+NC AD3 SC30SM - CE25 NPN NO+NC AD3
			SC30SP - C20 PNP NO+NC AD3 SC30SM - C20 PNP NO+NC AD3
			SC30SP - CE25 PNP NO+NC AD3 SC30SM - CE25 PNP NO+NC AD3
Switching distance (Sn) adjustable	mm	0 ÷ 20	0 ÷ 25
Continuous voltage (res. ripple ≤ 10%)	V	10 ÷ 55 (Absolute maximum ratings ripple included)	
Hysteresis	%Sn	≤ 20	
Max switching frequency	Hz	10	
Repeatability (at constant temperature)	%Sn	≤ 5	
Max. output current	mA	300	
Max. no-load supply current	mA	≤ 10	
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		Plastic (Grey polycarbonate) or Metallic (Nickelled brass)	
Cable PVC	3m	4 x 0,25 mm ² shielded	
Marking			

