

PLASTIC CYLINDRICAL HOUSING M18x1 (SC18SP)

METALLIC CYLINDRICAL HOUSING M18x1 (SC18SM)

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

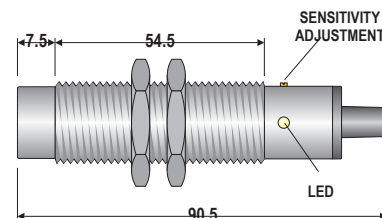
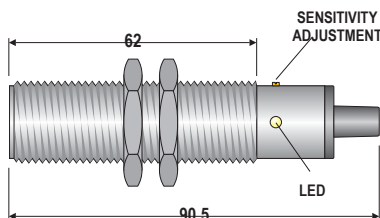
TS = EMBEDDABLE

PS = NOT EMBEDDABLE

SAFETY FUNCTION FOR TEMPERATURES >75°C

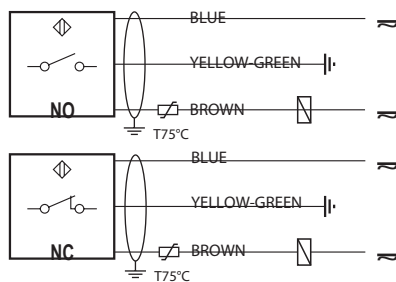
The ATEX approved capacitive sensors are equipped with a device that irreversible interrupts functionality when the maximum temperature limit established by the norm has been exceeded and also in relation to the values printed on sensor label. This type of function makes the equipment safer in potentially explosive environments.

Dimensions mm



TECHNICAL CHARACTERISTICS		TS	PS
		SC18SP - A5 NO AD3 SC18SM - A5 NO AD3 SC18SP - A5 NC AD3 SC18SM - A5 NC AD3	SC18SP - AF10 NO AD3 SC18SM - AF10 NO AD3 SC18SP - AF10 NC AD3 SC18SM - AF10 NC AD3
Switching distance (Sn) adjustable	mm	0 ÷ 5	0 ÷ 10
Alternating voltage 50-60Hz	V	20 ÷ 250 (Absolute maximum ratings)	
Hysteresis	%Sn	≤ 20	
Switching frequency	Hz	10	
Repeatability (at constant temperature)	%Sn	≤ 10	
Max. output current	mA	300	
Min. output current	mA	10 (Min. release current)	
Max. peak current for 20ms	A	1.5	
Residual current	mA	≤ 1	
Voltage drop (output ON)	V	≤ 6	
Led		Incorporated	
Operating temperature range	°C	-20 ÷ +70	
IP rating	IP	67	
Housing		Plastic (Grey polycarbonate) or Metallic (Nickelled brass)	
Cable PVC	3m	3 x 0.35 mm ²	
Marking		CE II 3D IP67 T=80°C	

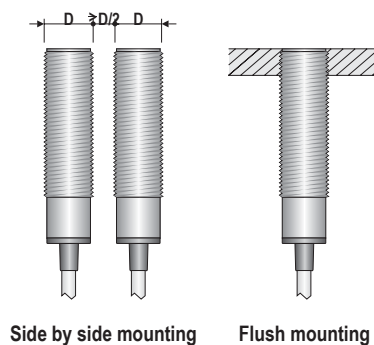
WIRING DIAGRAMS



N.B.: 5 and 10m cable version are available upon request.

INSTRUCTIONS FOR CORRECT INSTALLATION

EMBEDDABLE



NOT EMBEDDABLE

