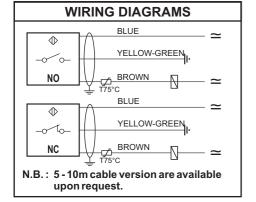
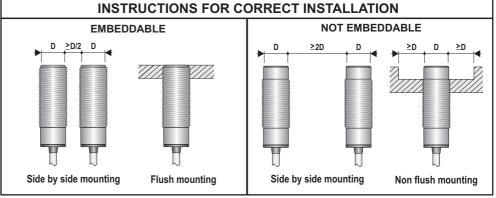
CAPACITIVE SENSORS SC30S ATEX series



- 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

PS = NOT EMBEDDABLE TS = EMBEDDABLE **Dimensions mm** SAFETY FUNCTION FOR TEMPERATURES >75°C SENSITIVITY SENSITIVITY The ATEX approved capacitive sensors are equiped ADJUSTMENT ADJUSTMENT with a device that irreversible interrupts functionality when the maximum temperature limit established by the norm has been exceeded and also in ·LED -LED relation to the values printed on sensor label. This type of function makes the equipment safer in potentially explosive environments. 78.2 TS PS SC30SP - AE25 NO AD3 **SC30SP - A20 NO AD3** NO **SC30SM - A20 NO AD3** SC30SM - AE25 NO AD3 **TECHNICAL CHARACTERISTICS SC30SP - A20 NC AD3** SC30SP - AE25 NC AD3 NC **SC30SM - A20 NC AD3** SC30SM - AE25 NC AD3 $0 \div 20$ 0 ÷ 25 Switching distance (Sn) adjustable mm ٧ Continuous voltage (res. ripple ≤ 10%) 20 ÷ 250 (Absolute maximum ratings ripple included) V Alternating voltage 50-60 Hz 20 ÷ 250 (Absolute maximum ratings) %Sn < 20 Hysteresis Hz 10 Switching frequency %Sn < 5 Repeatability (at constant temperature) mΑ 500 Max output current mΑ Min output current 10 (Min. release current) Α 1.5 Max peak current for 20 mS < 2 mΑ Residual current V < 4 Voltage drop (output ON) Short circuit protection Incorporated Incorporated °C -25 ÷ +70 Operating temperature range °C -25 ÷ +70 Storage temperature range °C + 80 Max temperature on the surface Additional temperature limit system Non-reactable at + 75°C intervention ΙP IP rating Housing Plastic (Grey polycarbonate) or Metallic (Nickelled brass) 3m Cable PVC 3 x 0,35 mm² shielded ⟨£x⟩ II 3D IP67 T=80°C Marking





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