

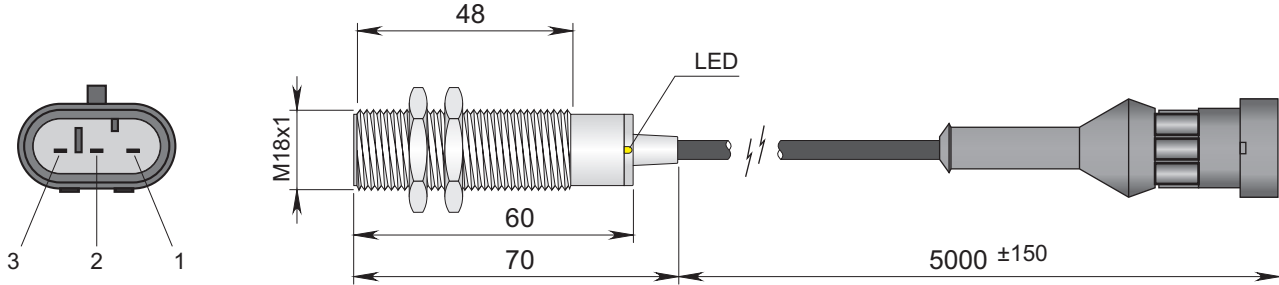
SENSORE INDUTTIVO cod. I18000678 - SI18-DC10 NPN NO LC5 AUTOM AMP

- CUSTODIA CILINDRICA M18 x 1
- 3 FILI IN C.C.
- IMPIEGO AUTOMOTIVE (IMMUNITA' LOAD DUMP)



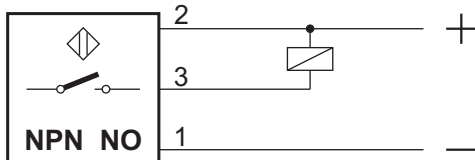
TOTALEMENTE SCHERMATO

Dimensioni in mm

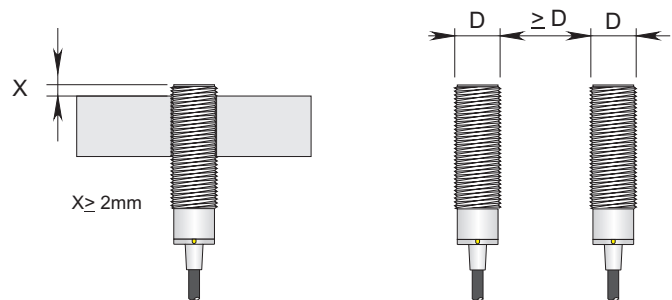


CARATTERISTICHE TECNICHE	SI18-DC10 NPN NO LC5 AUTOM AMP I18000678
Distanza di intervento (Sn)	10 mm
Tensione continua (ond. res. ≤ 10%)	10 ÷ 36 V
Isteresi (%Sn)	≤ 10%
Frequenza max. di lavoro	400 Hz
Ripetibilità (% di Sn)	≤ 3
Corrente max. di uscita	200 mA
Assorbimento	< 15 mA @ 24 Vdc
Caduta di tensione (uscita attivata)	< 1.8 V
Protezione al corto circuito	PRESENTE
Led visualizzatore giallo	PRESENTE
Limiti di temperatura	-25 ÷ +70 °C
Grado di protezione	IP67 (LATO SENSORE)
Materiale custodia	OTTONE NICHELATO
Tipo di connessione	CAVO 5 mt - 3 x 0.35 mm ² + CONN. AMP282105/1

SCHEMA DI COLLEGAMENTO



NORME DI INSTALLAZIONE



Montaggio a filo

Montaggio affiancato

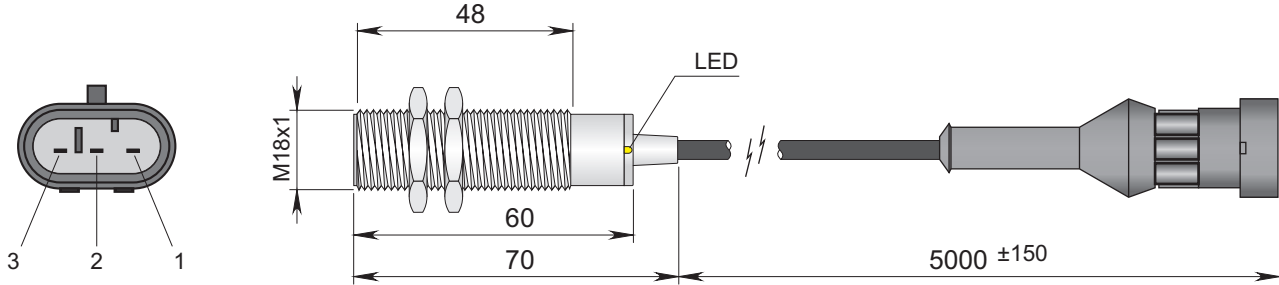
INDUCTIVE SENSOR cod. I18000678 - SI18-DC10 NPN NO LC5 AUTOM AMP

- CYLINDRICAL HOUSING
- 3 WIRES D.C.
- AUTOMOTIVE ENVIRONMENT (LOAD DUMP IMMUNITY)



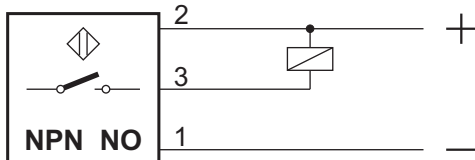
EMBEDDABLE (FLUSH MOUNTING)

Dimensions mm

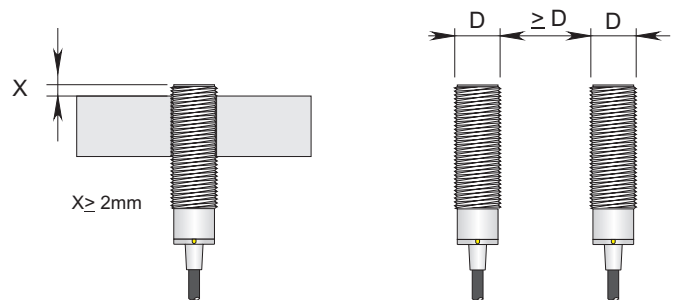


TECNICAL CHARACTERISTICS	SI18-DC10 NPN NO LC5 AUTOM AMP I18000678
Switching distance (Sn)	10 mm
Continuous voltage (res. ripple $\leq 10\%$)	10 ÷ 36 V
Hysteresis (%Sn)	$\leq 10\%$
Switching frequency	400 Hz
Repeatability (%Sn)	≤ 3
Max output current	200 mA
Absorption	$< 15 \text{ mA @ } 24 \text{ Vdc}$
Voltage drop (sensor ON)	$< 1.8 \text{ V}$
Short circuit protection	INCORPORATED
Led yellow	INCORPORATED
Temperature limits	$-25 \div +70 \text{ }^\circ\text{C}$
IP rating	IP67 (SENSOR SIDE)
Housing	NICKELLED BRASS
Type of connection	CABLE 5 mt - 3 x 0.35 mm ² + CONN. AMP282105/1

WIRING DIAGRAM



INSTRUCTIONS FOR CORRECT INSTALLATION



flush mounting

Side by side mounting