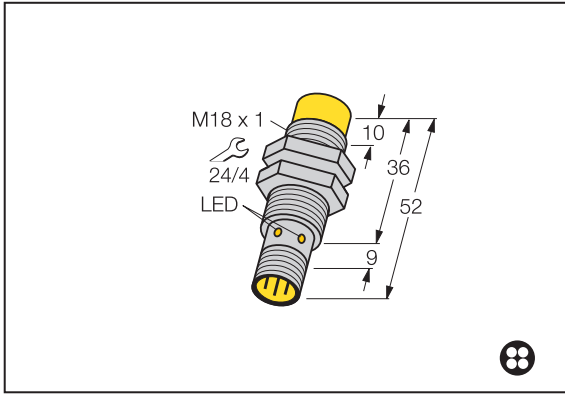


电感式接近开关 Inductive sensor
TL08X-18YP-RN6-SC

SENTINEL
INDUSTRIAL AUTOMATION



Type TL08X-18YP-RN6-SC
Ident No. 12802024

- Threaded barrel,M18x1
- Chrome-plated brass
- 3-wire, 10...30VDC
- 4 pin connector

技术参数
Technical parameter

电气参数 electrical parameter

Rated switching distance Sn	8 mm
Assured switching distance Sr	≤ (0.81 x Sn) mm
Mounting conditions	Non-flush
Operating voltage	10...30 VDC
Pulsating voltage	≤ 20%
DC rated operational current	≤ 100mA
No-load current	≤ 10mA
Voltage drop at Ie	≤ 2V
Repeatability	≤ 5% Sr
Hysteresis	3...15% Sr
Temperature drift	≤ ±10%
Switching frequency	500 Hz
Output function	3-wire NPN , NC
Short-circuit protection	yes
Reverse polarity protection	yes
Switching state	LED , yellow
Vibration resistance	55Hz (1mm)
Shock resistance	30g (11ms)
IP rating	IP67
Certification	CE

机械参数 mechanical parameter

Dimension	M18x1
Housing material	metal,CuZn-Cr
Material active area	PBT
End cap	PA
Max.tightening torque housing nut	25Nm
Connection	4 pin connector
Cable quality	—————
Cable cross section	3 x 0.34 mm ²
Ambient temperature	-25...70°C

接线图
Wiring diagram

