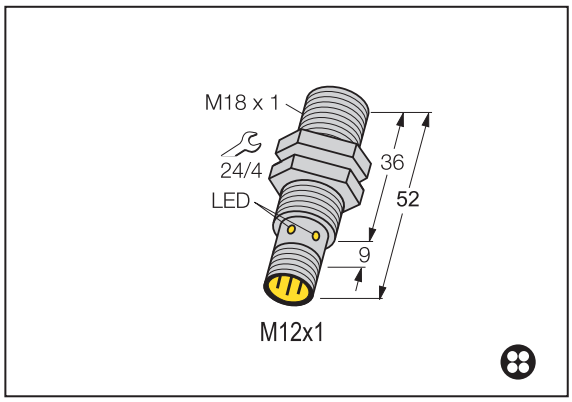
电感式接近开关 Inductive sensor

EL08X-18YP-AN6-SC



Type EL08X-18YP-AN6-SC
Ident No. 10902014

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

技术参数
Technical parameter

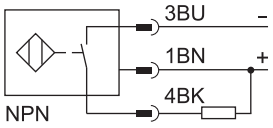
电气参数 electrical parameter

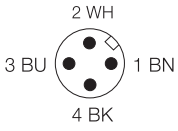
Rated switching distance Sn	8 mm
Assured switching distance Sr	≤ (0.81 x Sn) mm
Mounting conditions	flush
Operating voltage	10...30 VDC
Pulsating voltage	≤ 20%
DC rated operational current	≤ 100mA
No-load current	≤ 10mA
Voltage drop at Ie	≤ 2V
Repeatability	≤ 5% Sr
Hysteresis	3...15% Sr
Temperature drift	≤ ±10%
Switching frequency	500 Hz
Output function	3-wire NPN，NO
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	PVC，2m
Cable cross section	3 x 0.34 mm^2
Ambient temperature	-25...70°C

接线图
Wiring diagram





4 pin contacts