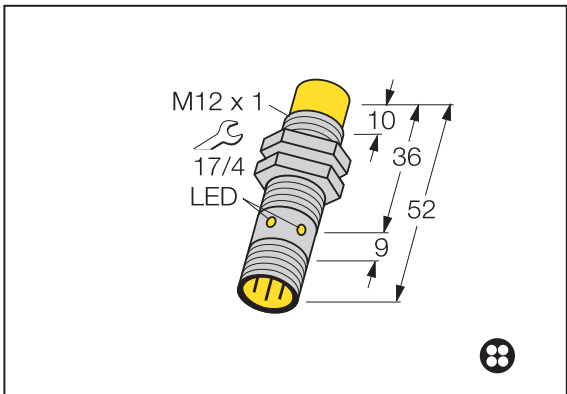


电感式接近开关 Inductive sensor

TL04X-12YP-AD6-SC

SENTINEL
INDUSTRIAL AUTOMATION



Type TL04X-12YP-AD6-SC
Ident No. 12404084

- Threaded barrel, M12x1
- Chrome-plated brass
- 2-wire, 10...30VDC
- 4 pin connector

技术参数
Technical parameter

电气参数 electrical parameter

Rated switching distance S_n	4 mm
Assured switching distance S_r	$\leq (0.81 \times S_n)$ mm
Mounting conditions	Non-flush
Operating voltage	10...30 VDC
Pulsating voltage	$\leq 20\%$
DC rated operational current	$\leq 100\text{mA}$
No-load current	$\leq 10\text{mA}$
Residual current	$\leq 2\text{mA}$
Voltage drop at I_e	$\leq 2\text{V}$
Repeatability	$\leq 5\%$ S_r
Hysteresis	3...15% S_r
Temperature drift	$\leq \pm 10\%$
Switching frequency	1000 Hz
Output function	DC , 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	M12x1
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	$2 \times 0.34 \text{ mm}^2$
Ambient temperature	-25...70°C

接线图
Wiring diagram

