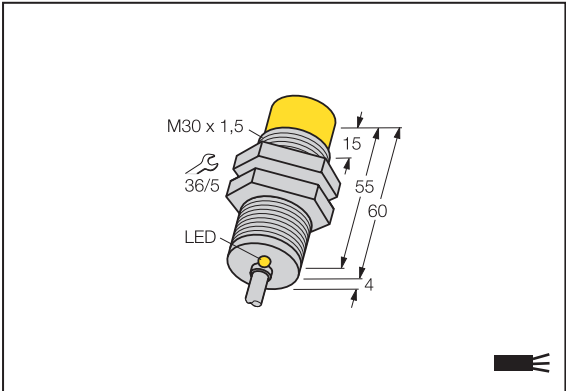


电感式接近开关 Inductive sensor

TL15X-30YP-AN6-C2



Type TL15X-30YP-AN6-C2  
Ident No. 13305011

- Threaded barrel,M30x1.5
- Chrome-plated brass
- 3-wire, 10...30VDC
- cable

技术参数  
Technical parameter

电气参数 electrical parameter

|                                  |                             |
|----------------------------------|-----------------------------|
| Rated switching distance $S_n$   | 15 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                  | $\leq 10\text{mA}$          |
| 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              | 300 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                         | M30x1.5                  |
| Housing material                  | metal,CuZn-Cr            |
| Material active area              | PBT                      |
| End cap                           | PA                       |
| Max.tightening torque housing nut | 25Nm                     |
| Connection                        | cable                    |
| Cable quality                     | PVC , 2m                 |
| Cable cross section               | 3 x 0.34 mm <sup>2</sup> |
| Ambient temperature               | -25...70°C               |

接线图  
Wiring diagram

