

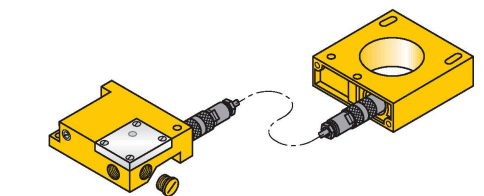
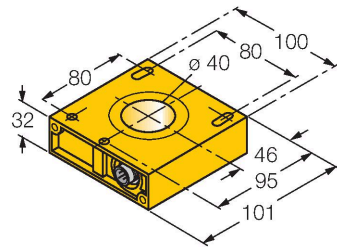
NI40R- Inductive Sensor – Ring Probe

Features

- Rectangular, height 32 mm
- Plastic, ABS
- Modular mounting with the S32SR-AP44X-S1131 or S32SR-VP44X switching amplifier

Functional principle

Inductive sensors detect metal objects contactless and wear-free. For this purpose they use a high-frequency electromagnetic AC field that interacts with the target. Inductive ring sensors generate this field through an LC resonant circuit. The target acts as the coil core.

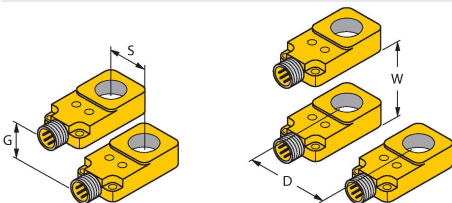


Technical data

| | |
|------------------------------|------------------|
| Type | NI40R- |
| Ident. no. | 1430101 |
| Inside ring diameter D | 40 mm |
| Steel wire diameter (St37) | ≥ 1 mm |
| pulse stop | ≥ 5 ms |
| Pulse duration at the output | ≥ 100 ms ± 20 % |
| Ambient temperature | -25...+70 °C |
| Design | Ring probe, S32 |
| Dimensions | 95 x 100 x 32 mm |
| Housing material | Plastic, ABS |
| Coil body | plastic, ABS |
| Protection class | IP65 |

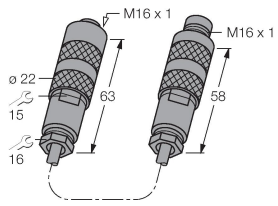
Mounting instructions

Mounting instructions/Description



| | |
|------------|--------|
| Distance D | 150 mm |
| Distance W | 150 mm |
| Distance S | 150 mm |
| Distance G | 150 mm |

Accessories

ADAPTER CABLE RING 1.6M**14306**

Adapter cable enables separate mounting of ring probe and switching amplifier; coax cable: RG58 C/U 50 Ohm