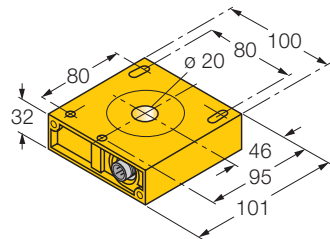


Inductive sensor ring probe Ni20R-

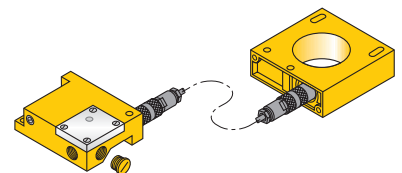


- ring probe, 32 mm high
- plastic, ABS
- can be mounted modularly with the S32SR-AP44X-S1131 or S32SR-VP44X switching amplifier

Function principles

Inductive proximity switches are designed for wear-free non-contact detection of metal objects. For this they use a high-frequency electro-magnetic AC field that interacts with the target. Inductive ring sensors generate this field by an LC resonant circuit. The target acts as the coil core.

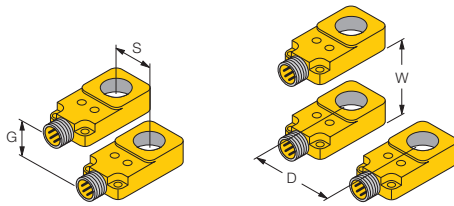
Type	Ni20R-
Ident-No.	1410001
Interior ring diameter	20 mm
Diameter of steel wire (St37)	≥ 0,4 mm
Pulse pause	≥ 5 ms
Pulse length at output	≥ 100 ms ± 20 %
Operating temperature	-25 ...+ 70 °C
Housing style	ring probe; S32
Dimensions	95 x 100 x 32 mm
Housing material	plastic, ABS
Coil form	Plastic, ABS
Degree of protection	IP65



Inductive sensor ring probe Ni20R-

Mounting instructions

	minimum gap
Gap D	150 mm
Gap W	150 mm
Gap S	150 mm
Gap G	150 mm



Inductive sensor ring probe Ni20R-

Accessories

Typ	Ident-No.	Description	Dimension drawing
ADAPTERKABEL ZUM RING 1,60M	14306	The adapter cable enables separate mounting of ring probe and switching amplifier; coax cable: RG58 C/U 50 Ohm	
ADAPTERKABEL ZUM RING 3,00M	14839	The adapter cable enables separate mounting of ring probe and switching amplifier; coax cable: RG58 C/U 50 Ohm	