

Proximity switch with M18 metal-housing for lower operating distances.

upto +120 °C

The Sensor is suitable for higher ambient temperature by the increased temperature range.

Technical Data

Type	IKZ 182.28 H
Connection	Art.-No.
5 m silicone cable	2229H-5
Rated operating distance (Sn)	5 mm
Output	PNP n. o. + n. c.
Target steel St37, 1 mm thick	18 x 18 mm
Location at metal	flush
Supply voltage (UB)	10 - 30 V DC
Ripple voltage	< 15 %
Load current max.	0 - 400 mA <70 °C 0 - 150 mA >70 °C
Short circuit protection	no
No load current (I ₀)	≤ 25 mA
Voltage drop (U _d)	≤ 1,5 V
Operating frequency (f)	200 Hz
Switching hysteresis (H)	max. 15 %
Ambient temperature	-25 ... +120 °C
Protection class	IP 67 on active surface
Function display	no
Housing material	brass, nickel plated

Diagram of Connections

