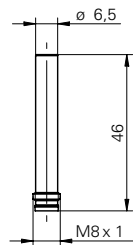


Inductive linear sensors

IWRM 06I9501/S35

dimension drawing



general data

mounting type	quasi shielded
measuring distance Sd	0 ... 2 mm
resolution	< 0,001 mm (stat.) < 0,005 mm (dynam.)
repeat accuracy	< 0,02 mm
linearity error	± 100 µm
temperature drift	± 5 % (Full Scale)

electrical data

response time (factory characteristic)	< 0,7 ms
voltage supply range +Vs	15 ... 30 VDC
current consumption max. (no load)	35 mA
output circuit	current output
output signal	0 ... 10 mA
load resistance +Vs min.	< 910 Ohm
load resistance +Vs max.	< 2400 Ohm
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical smooth
housing material	stainless steel
dimension	6,5 mm
housing length	46 mm
connection types	connector M8

ambient conditions

operating temperature	10 ... +60 °C
protection class	IP 67

photo



connection diagram

