

overview

- 0 ... 24 mm
- voltage output
- external Teach-in
- connector M12
- 25 ... 75 °C
- IP 67



Technical data

general data	
mounting type	non-flush
special type	linearized
measuring distance Sd	0 ... 24 mm
sensitivity	0,42 V/mm
resolution	< 0,005 mm (stat.) < 0,01 mm (dynam.)
repeat accuracy	< 0,02 mm
adjustment	external Teach-in
teach	1-point analog, 2-point analog, factory re-set
linearity error	± 480 µm
temperature drift	± 6 % (Full Scale)
Teach-Feedback	LED yellow
electrical data	
response time (factory characteristic)	< 5 ms
voltage supply range +Vs	12 ... 36 VDC

electrical data	
current consumption max. (no load)	20 mA
output circuit	voltage output
output signal	0 ... 10 VDC
load resistance	> 4000 Ohm
short circuit protection	yes
reverse polarity protection	yes
mechanical data	
type	cylindrical threaded
housing material	brass nickel plated
dimension	30 mm
housing length	60 mm
connection types	connector M12
tightening torque max.	100 Nm
ambient conditions	
operating temperature	-25 ... +75 °C
protection class	IP 67

remarks

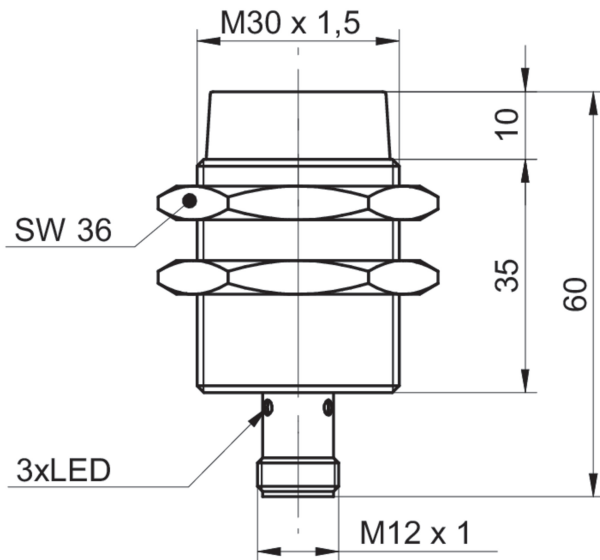
- external Teach-in
- linear analog output

IR30.D24L-N60.UA1E.7BO

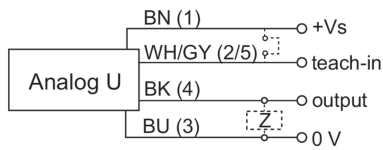
Inductive distance measuring sensors

Article number: 11179050

dimension drawing



connection diagram



pin assignment

