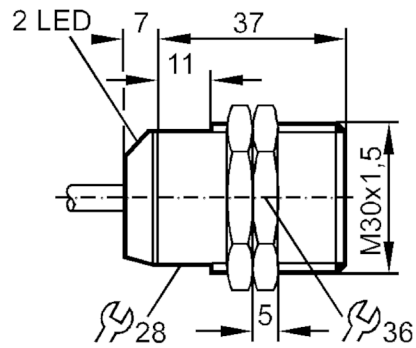




Inductive sensor

I1B2022-AROG/UP/2LED/2M/XS

Article no longer available - archive entry



Product characteristics

Electrical design	PNP/NPN
Output function	normally open
Sensing range [mm]	22
Housing	threaded type
Dimensions [mm]	M30 x 1.5

Application

Special feature	Increased sensing range; Optical setting aid
-----------------	--

Electrical data

Operating voltage [V]	10...36 DC
Protection class	II
Reverse polarity protection	no

II5826



Inductive sensor

IIB2022-AROG/UP/2LED/2M/XS

Outputs		
Electrical design	PNP/NPN	
Output function	normally open	
Max. voltage drop switching output DC [V]	5	
Minimum load current [mA]	5	
Max. leakage current [mA]	1	
Permanent current rating of switching output DC [mA]	100	
Switching frequency DC [Hz]	100	
Short-circuit protection	no	
Overload protection	no	
Detection zone		
Sensing range [mm]	22	
Operating distance [mm]	0...17.6	
Increased sensing range	yes	
Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3	
Hysteresis [% of Sr]	3...15	
Operating conditions		
Ambient temperature [°C]	-25...70	
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	threaded type	
Mounting	flush mountable	
Dimensions [mm]	M30 x 1.5	
Thread designation	M30 x 1.5	
Materials	brass white bronze coated; PC	
Displays / operating elements		
Display	switching status	1 x LED, red
	setting aid	1 x LED, green
Optical setting aid	yes	
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	

I15826



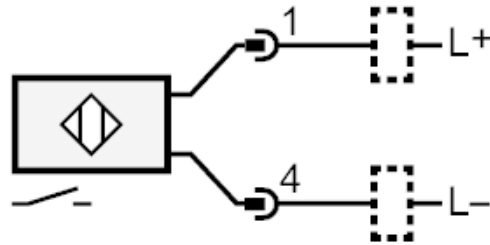
Inductive sensor

IIB2022-AROG/UP/2LED/2M/XS

Electrical connection

Cable: 3 m, PVC; suited for robots and drag chains; 2 x 0.3 mm²

Connection



Core colours :

BK =

black