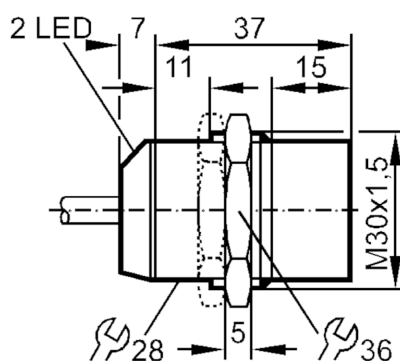




Inductive sensor

IIB2022-AROG/UP/2LED/5M/PH

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

System	Increased sensing range; optical setting aid
--------	--

Electrical data

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

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

II5896



Inductive sensor

IIB2022-AROG/UP/2LED/5M/PH

Overload protection	no	
Monitoring range		
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: 0.4 / aluminum: 0.3 / copper: 0.2	
Hysteresis	[% of Sr]	1...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	non-flush mountable	
Dimensions	[mm]	M30 x 1.5
Thread designation	M30 x 1.5	
Material	brass white bronze coated; PBT	
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.	

II5896



Inductive sensor

IIB2022-AROG/UP/2LED/5M/PH

Electrical connection

Cable: 5 m, PUR, grey, Ø 5.4 mm; 2 x 0.34 mm²

Connection



BK =

Core colors :
black