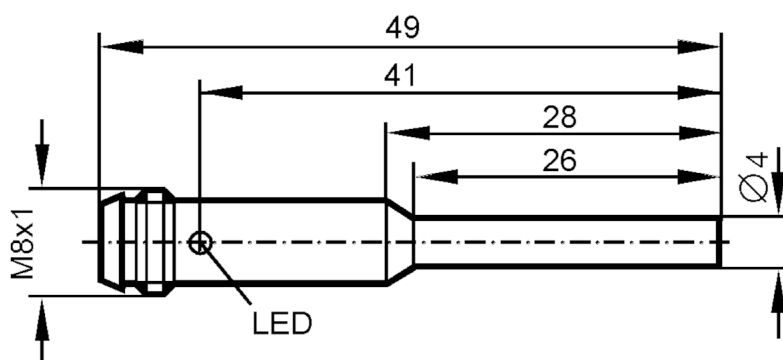


IZ5034



Inductive sensor

IZB30,8-BPKG/V2A/AS-514-TPS RT



Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15; (24 V)
Protection class		III
Reverse polarity protection		yes

Outputs

Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	800
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Sensing range	[mm]	0.8
Real sensing range S_r	[mm]	$0.8 \pm 10\%$
Operating distance	[mm]	0...0.65

IZ5034



Inductive sensor

IZB30,8-BPKG/V2A/AS-514-TPS RT

Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3	
Hysteresis	[% of Sr]	3...15
Switch point drift	[% of Sr]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection	IP 65	
Tests / approvals		
EMC	EN 60947-5-2	class B
	EN 55011	
MTTF	[years]	953
Mechanical data		
Weight	[g]	16.6
Housing	cylindrical	
Mounting	flush mountable	
Dimensions	[mm]	Ø 4
Materials	stainless steel (1.4305 / 303); LCP	
Displays / operating elements		
Display	switching status	4 x 90° LED, red
Accessories		
Accessories (supplied)	Mounting clamps: 1	
Remarks		
Pack quantity	1 pcs.	
Electrical connection - plug		
Connector: 1 x M8		
		

IZ5034



Inductive sensor

IZB30,8-BPKG/V2A/AS-514-TPS RT

Connection

