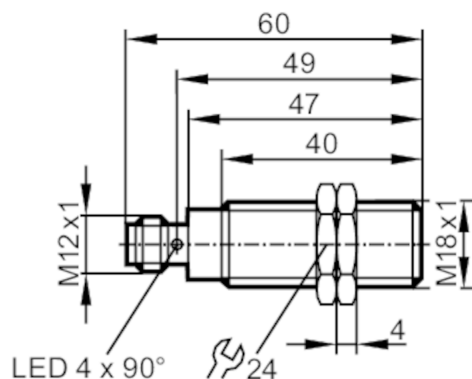


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Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 30
Protection class		III
Reverse polarity protection		yes
Max. power-on delay time	[ms]	1000

Electrical design	AS-i
Switching frequency DC [Hz]	100

Sensing range	[mm]	8
Operating distance	[mm]	0...6.5

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.45 / copper: 0.35
Hysteresis [% of Sr]	1...20

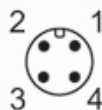
Ambient temperature	[°C]	-25...70
Protection		IP 68; ("Coolant")

EMC	EN 61000-4-2 ESD	4 kV CD / 8 kV AD
	EN 61000-4-3 HF radiated	10 V/m
	EN 61000-4-4 Burst	2 kV
	EN 61000-4-6 HF conducted	10 V
	EN 55011	class B
MTTF	[years]	1484
UL approval	Ta	-25...70 °C
	Enclosure type	Type 1
	voltage supply	Limited Voltage/Current
	File number UL	E174191



Inductive AS-Interface sensor

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AS-i classification					
AS-i version		2.1			
Extended addressing mode possible		yes			
AS-i I/O configuration [hex]		0			
AS-i ID code [hex]		A.F			
AS-i certificate		57201			
Assignment of the data bits	Designation	switching signal	not used	not used	not used
	status = 0	target outside the active zone	-	-	-
	status = 1	target within the active zone	default value	default value	default value
Mechanical data					
Weight [g]		48.6			
Housing		threaded type			
Mounting		flush mountable			
Dimensions [mm]		M18 x 1 / L = 60			
Thread designation		M18 x 1			
Materials		threaded sleeve: stainless steel (1.4404 / 316L); sensing face: LCP uncoloured; lock nuts: brass			
Displays / operating elements					
Display	switching status		4 x 90° LED, yellow		
	function		1 x LED, red		
Accessories					
Accessories (supplied)		lock nuts: 2			
Remarks					
Pack quantity		1 pcs.			
Electrical connection - plug					
Connector: 1 x M12; Contacts: gold-plated					
					



Inductive AS-Interface sensor

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Connection

