

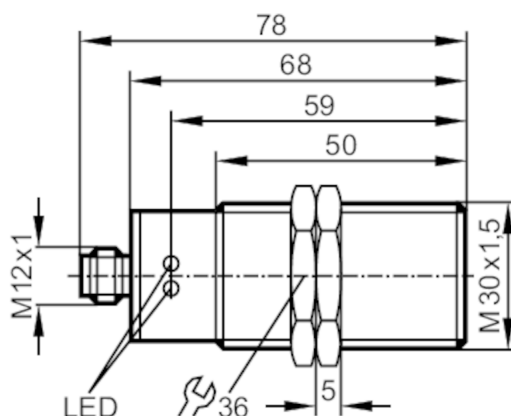
Inductive sensor

IIA2010-ASI /US-100

Article no longer available - archive entry

Alternative articles: IIC220

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design		AS-i
Sensing range	[mm]	10
Housing		Threaded type
Dimensions	[mm]	M30 x 1.5 / L = 78

Electrical data

Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 30
Protection class		II
Reverse polarity protection		yes

Outputs

Electrical design		AS-i
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

Monitoring range

Sensing range	[mm]	10
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Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

AS-i classification

AS-i I/O configuration	[hex]	1
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II5810



Inductive sensor

IIA2010-ASI /US-100

AS-i ID code	[hex]	1				
AS-i certificate		02901				
Data bits		Description	switching signal	safe zone	readiness for operation	not used

Mechanical data	
Housing	Threaded type
Mounting	flush mountable
Dimensions [mm]	M30 x 1.5 / L = 78
Thread designation	M30 x 1.5
Material	brass white bronze coated; sensing face: PBT

Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Unsafe zone	1 x LED, red sensor coil wire break, sensor coil short circuit Sr: 0...10 % (< 10 Hz) Sn: 80...115 % (< 10 Hz)

Accessories	
Items supplied	lock nuts: 2

Remarks	
Remarks	Assured range: approx. 10...80 % of Sn
Pack quantity	1 pcs.

Electrical connection - plug

Connector: 1 x M12; coding: A



Connection

