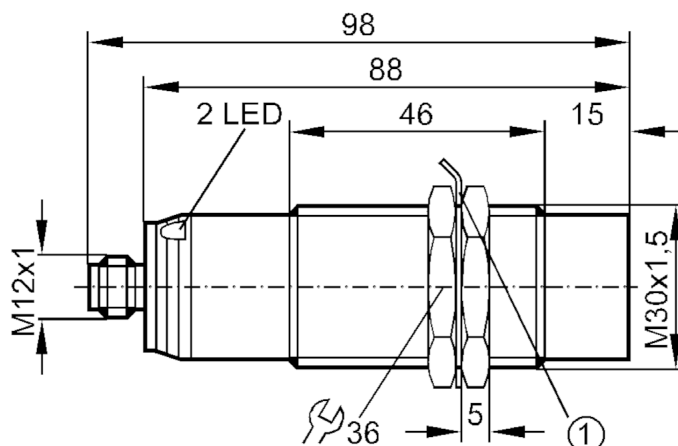


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1 earthing ring



Product characteristics

Electrical design		AS-i
Sensing range	[mm]	4...10
Housing		threaded type
Dimensions	[mm]	M30 x 1.5

Application

Special feature	Optical setting aid
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Electrical data

Operating voltage	[V]	20...32 DC
Current consumption	[mA]	50
Reverse polarity protection		yes

Outputs

Electrical design	AS-i
Switching frequency DC [Hz]	40
Overload protection	yes

Detection zone

Sensing range	[mm]	4...10
Sensing range adjustable		yes

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

KI5066



Capacitive sensor

KIA2010-ASI /US-100

Tests / approvals		
EMC	EN 60947-5-2	
AS-i classification		
AS-i I/O configuration	[hex]	1
AS-i ID code	[hex]	F
AS-i certificate		00501
Mechanical data		
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M30 x 1.5
Thread designation		M30 x 1.5
Materials		brass nickel-plated; PBT
Displays / operating elements		
Display	switching status	1 x LED, yellow
	setting aid	1 x LED, red
Optical setting aid		yes
Accessories		
Items supplied		lock nuts: 2
		screwdriver: 1
Remarks		
Remarks		Assured range: approx. 10...80 % of Sn
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x M12; coding: A		



Connection

