

## RF30-WR-M30H/LK

## ARTICLE PROPERTIES

<b>PRODUCT TYPE</b>	IO-Link RFID	<b>PROTOCOL</b>	IO-LINK
<b>DESCRIPTION</b>	IO-Link slave, Support for IODD files		

## ELECTRICAL DATA

<b>SUPPLY VOLTAGE</b>	18 ... 30 V DC	<b>CONNECTION TYPE</b>	M12x1, Male, 4 pin, A-coded
<b>CURRENT CONSUMPTION</b>	Max. 80 mA	<b>POWER CONSUMPTION</b>	Max. 2 W
<b>RF STANDARDS</b>	ISO 15693	<b>OPERATING FREQUENCY</b>	13.56 MHz
<b>ANTENNA TYPE</b>	Integrated antenna	<b>EMITTED POWER</b>	23 dBm
<b>OPERATING DISTANCE</b>	0 ... 70 mm (depends on the environment)	<b>DYNAMIC MODELS</b>	Supported by the IODD file
<b>IO-LINK TYPE</b>	Class-A	<b>IO-LINK COMMUNICATION RATES</b>	COM3 (230.4 kbps)
<b>IO-LINK VERSION</b>	IO-Link V1.1.3	<b>MIN. CYCLE TIME</b>	24 ms
<b>VENDER ID</b>	1181	<b>DEVICE ID</b>	16453952
<b>PROCESS DATA</b>	32 Byte	<b>DIAGNOSIS</b>	LED indicaton
<b>FUNCTION INDICATOR</b>	<ul style="list-style-type: none"> <li>• Power Green LED</li> <li>• Communication Green heartbeat LED</li> <li>• Tag Present (TAG) Orange LED</li> </ul>		

## FUNCTIONAL SAFETY

<b>MTTF</b>	275 years
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## GENERAL DATA

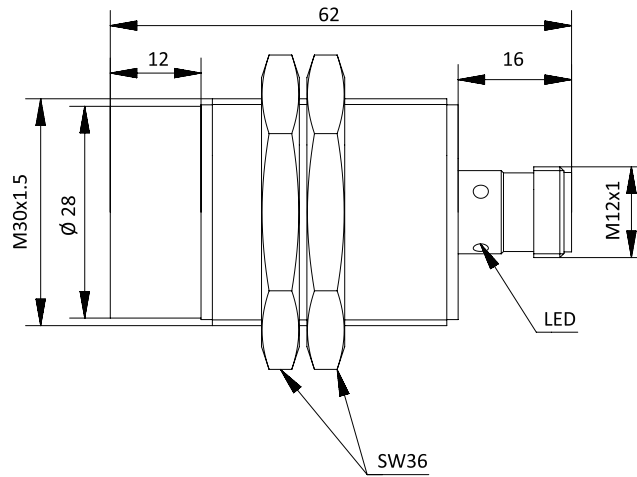
<b>HOUSING MATERIAL</b>	Nickel-plated brass + PBT	<b>OPERATING TEMPERATURE</b>	-25 ... +70 °C
<b>PROTECTION</b>	IP67	<b>STORAGE TEMPERATURE</b>	-40 ... +85 °C
<b>INSTALLATION</b>	Metal-free (clear zone) On metal	<b>DIMENSIONS</b>	∅ 30 × 46 mm
<b>WEIGHT</b>	95 g	<b>SHOCK RESISTANCE</b>	IEC 60068-2-27
<b>VIBRATION RESISTANCE</b>	IEC 60068-2-6		

## APPROVALS

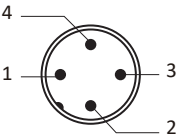


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DIMENSIONS



CONNECTION DRAWING

CLASS-A PORT (MALE)	FUNCTION
	1 - Power supply_24 V+
	2 - No connection
	3 - Power supply_GND
	4 - IO-Link

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### SALES AND SERVICE

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