

RF30-WR-MF30H/LK

ARTICLE PROPERTIES

PRODUCT TYPE	IO-Link RFID	PROTOCOL	IO-LINK
DESCRIPTION	IO-Link slave, Support for IODD files		

ELECTRICAL DATA

SUPPLY VOLTAGE	18 ... 30 V DC	CONNECTION TYPE	M12x1, Male, 4 pin, A-coded
CURRENT CONSUMPTION	Max. 80 mA	POWER CONSUMPTION	Max. 2 W
RF STANDARDS	ISO 15693	OPERATING FREQUENCY	13.56 MHz
ANTENNA TYPE	Integrated antenna	EMITTED POWER	23 dBm
OPERATING DISTANCE	0 ... 60 mm (depends on the environment)	DYNAMIC MODELS	Supported by the IODD file
IO-LINK TYPE	Class-A	IO-LINK COMMUNICATION RATES	COM3 (230.4 kbps)
IO-LINK VERSION	IO-Link V1.1.3	MIN. CYCLE TIME	24 ms
VENDER ID	1181	DEVICE ID	16453952
PROCESS DATA	32 Byte	DIAGNOSIS	LED indicaton
FUNCTION INDICATOR	<ul style="list-style-type: none"> • Power (PW) Green LED • Communication (LK) Green heartbeat LED • Tag Present (TAG) Orange LED 		

FUNCTIONAL SAFETY

MTTF	275 years
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GENERAL DATA

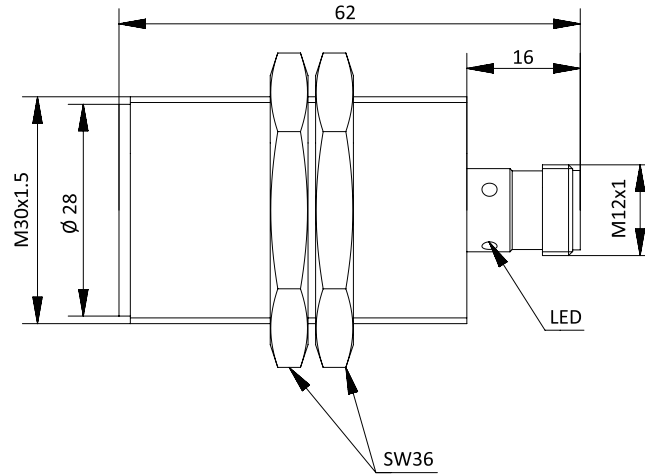
HOUSING MATERIAL	Nickel-plated brass + PBT	OPERATING TEMPERATURE	-25 ... +70 °C
PROTECTION	IP67	STORAGE TEMPERATURE	-40 ... +85 °C
INSTALLATION	Metal-free (clear zone) Flush in metal	DIMENSIONS	∅ 30 × 46 mm
WEIGHT	100 g	SHOCK RESISTANCE	IEC 60068-2-27
VIBRATION RESISTANCE	IEC 60068-2-6		

APPROVALS

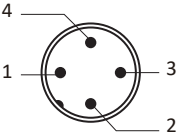


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DIMENSIONS



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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