

RF30-WR-MF30H

ARTICLE PROPERTIES

PRODUCT TYPE	RS-485 RFID	PROTOCOL	ModbusRTU
DESCRIPTION	RS-485 slave, Support the allocation of device addresses		

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	Not supported
COMMUNICATION RATES	9600 ... 115200 Baud	DIAGNOSIS	LED indicaton
FUNCTION INDICATOR	<ul style="list-style-type: none"> • Power (PW) Green LED • Communication (LK) Green flickering LED • Tag Present (TAG) Orange LED 		

FUNCTIONAL SAFETY

MTTF	266 years
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GENERAL DATA

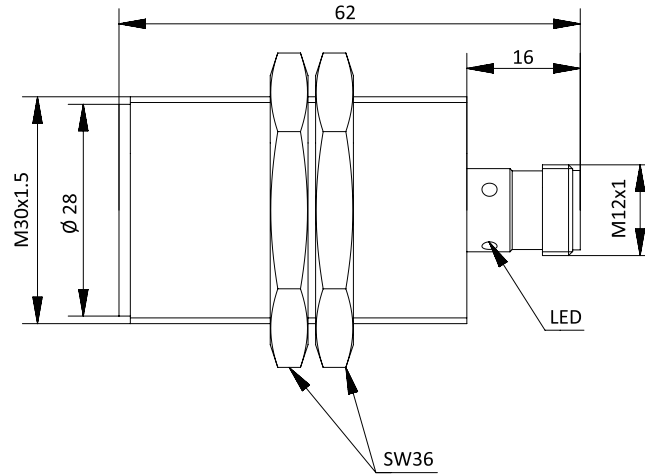
HOUSING MATERIAL	Nickel-plated brass + PBT	OPERATING TEMPERATURE	-25 ... +70 °C
PROTECTION	IP67	STORAGE TEMPERATURE	-40 ... +85 °C
INSTALLATION	Metal-free(clear zone) Flush in metal	DIMENSIONS	Ø 30 × 46 mm
WEIGHT	103 g	SHOCK RESISTANCE	IEC 60068-2-27
VIBRATION RESISTANCE	IEC 60068-2-6		

APPROVALS

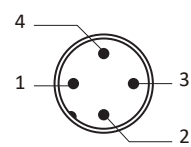


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DIMENSIONS



CONNECTION DRAWING

M12 A-CODE (MALE)	FUNCTION
	1 - Power supply_24 V+
	2 - A (RS-485)
	3 - Power supply_GND
	4 - B (RS-485)

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SALES AND SERVICE

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