

RF30-WR-Q95H

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, 5 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 ... 120 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 • Command (RW) Green flickering LED 		

FUNCTIONAL SAFETY

MTTF	216 years
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GENERAL DATA

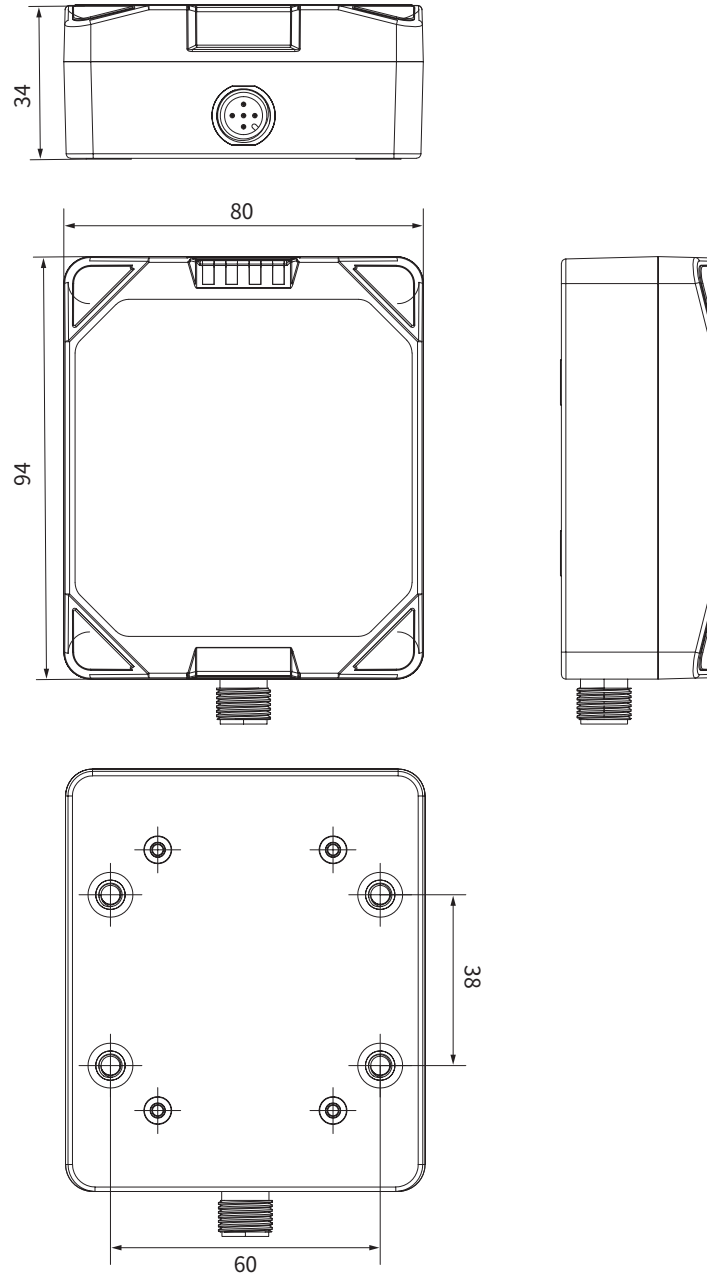
HOUSING MATERIAL	PC + PBT	OPERATING TEMPERATURE	-25 ... +70 °C
PROTECTION	IP67	STORAGE TEMPERATURE	-40 ... +85 °C
INSTALLATION	Metal-free (clear zone)	DIMENSIONS	94 × 80 × 34 mm
WEIGHT	141 g	SHOCK RESISTANCE	IEC 60068-2-27
VIBRATION RESISTANCE	IEC 60068-2-6		

APPROVALS

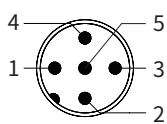


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DIMENSIONS (mm)



CONNECTION DRAWING

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

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SALES AND SERVICE

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