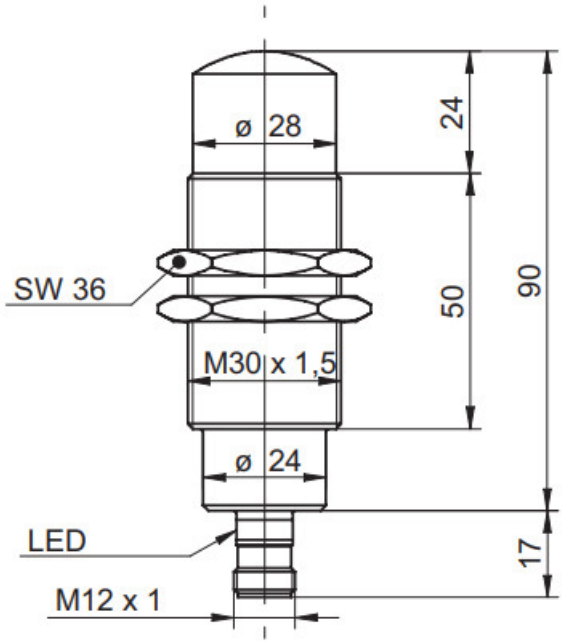
Baumer RR30 Radar Distance Measuring Sensor Instructions

BAUMER

RR30 Radar Distance Measuring Sensor Instructions Manual

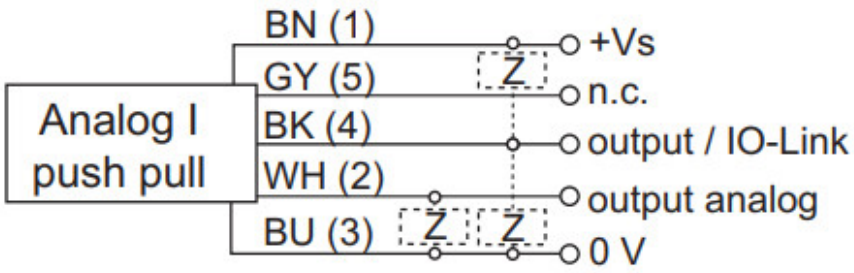
Contents

Dimensions

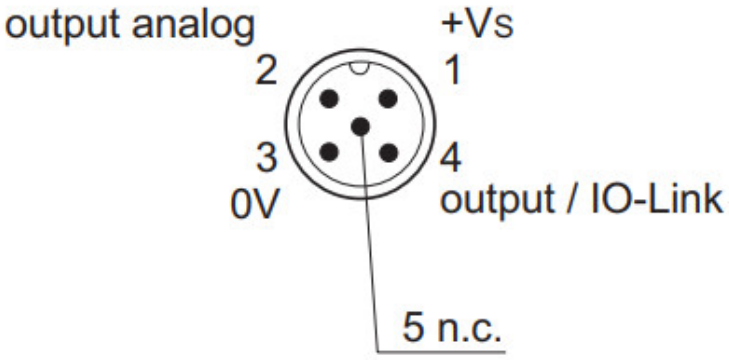


- **All dimensions in mm**

Connection diagram



BN = brown
BK = black
WH = white
BU = blue
GY = gray



Class 2, UL 1310, see FAQ

- **Disconnect power before connecting the sensor.**

Technical data

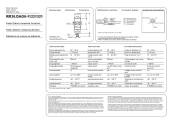
sensing distance Sd	0,5 … 60 m
temperature drift	< ± 10 mm
voltage supply range +Vs[2])	12 … 30 VDC
current consumption max. (no load)	220 mA
output current	< 100mA
output circuit	current output/push-pull
short circuit protection	yes
reverse polarity protection	yes, Vs to GND
operating temperature	-40 … +65 °C
storage temperature	-40 … +85 °C
protection class	IP 68/69K & proTect+

FCC Compliance Statement
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
NOTICE: Changes or modifications made to this equipment not expressly approved by Baumer may void the FCC authorization to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
Radiofrequency radiation exposure Information:
This equipment complies with FCC exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Canada Compliance Statement
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Documents / Resources

	Baumer RR30 Radar Distance Measuring Sensor [pdf] Instructions RR30, PGP-RR30, PGPRR30, RR30.DAO0-11221321, RR30 Radar Distance Measuring Sensor, Radar Distance Measuring Sensor

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