

ROBUST RT/RR 43.6



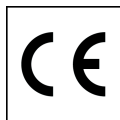
Multiple Light Beam Safety Device (Type 4 AOPD)

The ROBUST RR/RT43.6 Multiple Light Beam Safety Device is a design type with M12 connection.



Safety note:

Knowledge of the connecting and operating instructions of the basic device of the type 4 ROBUST multiple light beam safety devices and the data sheet of the design type of the ROBUST RR/RT43.6 multiple light beam safety devices is required for the connection and initial operation of the ROBUST RT43.6 and RR43.6 design types.



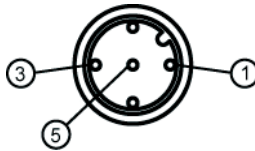
Leuze electronic GmbH + Co. KG
 Liebigstrasse 4
 82256 Fuerstenfeldbruck / Germany
 Phone +49 8141 5350-0
 Telefax +49 8141 5350-190
 info@leuze.de
 www.leuze.com

Features

- Multiple light beam safety devices in accordance with EN IEC 61496-1, 61496-2
- Beam distance 400 mm
- 2 safety relay outputs
- M12 connection (receiver, 8-pin; transmitter 5-pin)

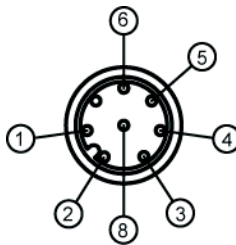
Electrical connection

Transmitter:



| Pin | Color | Inputs/outputs |
|-----|-------|----------------|
| 1 | Brown | 24 V DC |
| n.c | White | |
| 3 | Blue | 0 V |
| n.c | Black | |
| 5 | Grey | PE shield |

Receiver:



| Pin | Color | Inputs/outputs |
|-----|--------|----------------|
| 1 | White | 24 V DC |
| 2 | Brown | 0 V |
| 3 | Green | K1.1 |
| 4 | Yellow | K1.2 |
| 5 | Grey | K2.1 |
| 6 | Pink | K2.2 |
| 7 | Blue | n.c |
| 8 | PE | Shield |

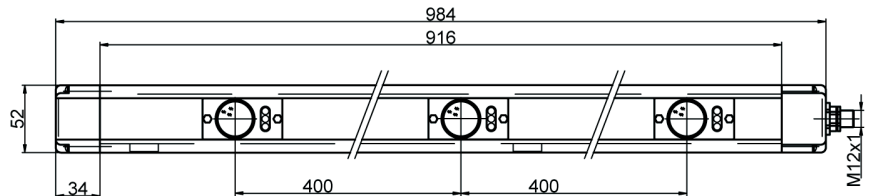
PIN assignment, M12 connection, RR43.6



Safety note:

The maximum permissible switching voltage of the safety relay outputs is 42V AC/DC.

Dimensional drawing



Technical data

See the information for technical data in the connecting and operating instructions for type 4 ROBUST multiple light beam safety devices.

Ordering information

Order numbers

| Art. no. | Item | Description |
|------------------|---------------------|--|
| 909697 | ROBUST RT43.6 | Transmitter |
| 909698 | ROBUST RR43.6 | Receiver |
| Connection cable | | |
| 429087 | CB-M12-5000-5G/F | Connection cable, M12 5-pin, length 5 m |
| 429088 | CB-M12-15000-5G/F | Connection cable, M12 5-pin, length 15 m |
| 429089 | CB-M12-25000-5G/F | Connection cable, M12 5-pin, length 25 m |
| 548405 | CB-M12-5000S8-8G/F | Connection cable, M12 8-pin, length 5 m |
| 548415 | CB-M12-15000S8-8G/F | Connection cable, M12 8-pin, length 15 m |
| 548425 | CB-M12-25000S8-8G/F | Connection cable, M12 8-pin, length 25 m |