



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.



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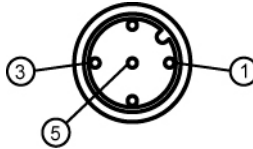
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Features

- 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)

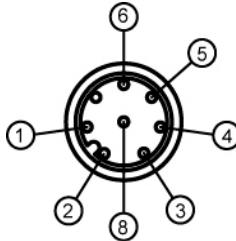
Electrical connection

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

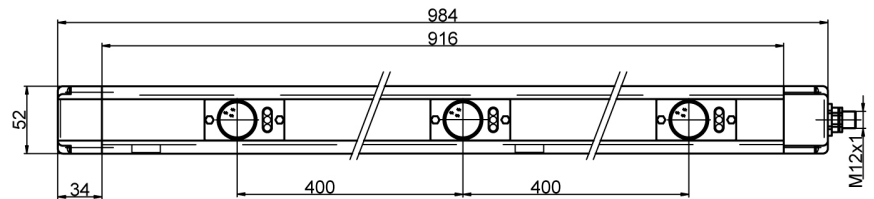
PIN assignment, M12 connection, RR43.6



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

Item 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-M12-5000-8G/F	Connection cable, M12 8-pin, length 5 m
548415	CB-M12-15000-8G/F	Connection cable, M12 8-pin, length 15 m
548425	CB-M12-25000-8G/F	Connection cable, M12 8-pin, length 25 m