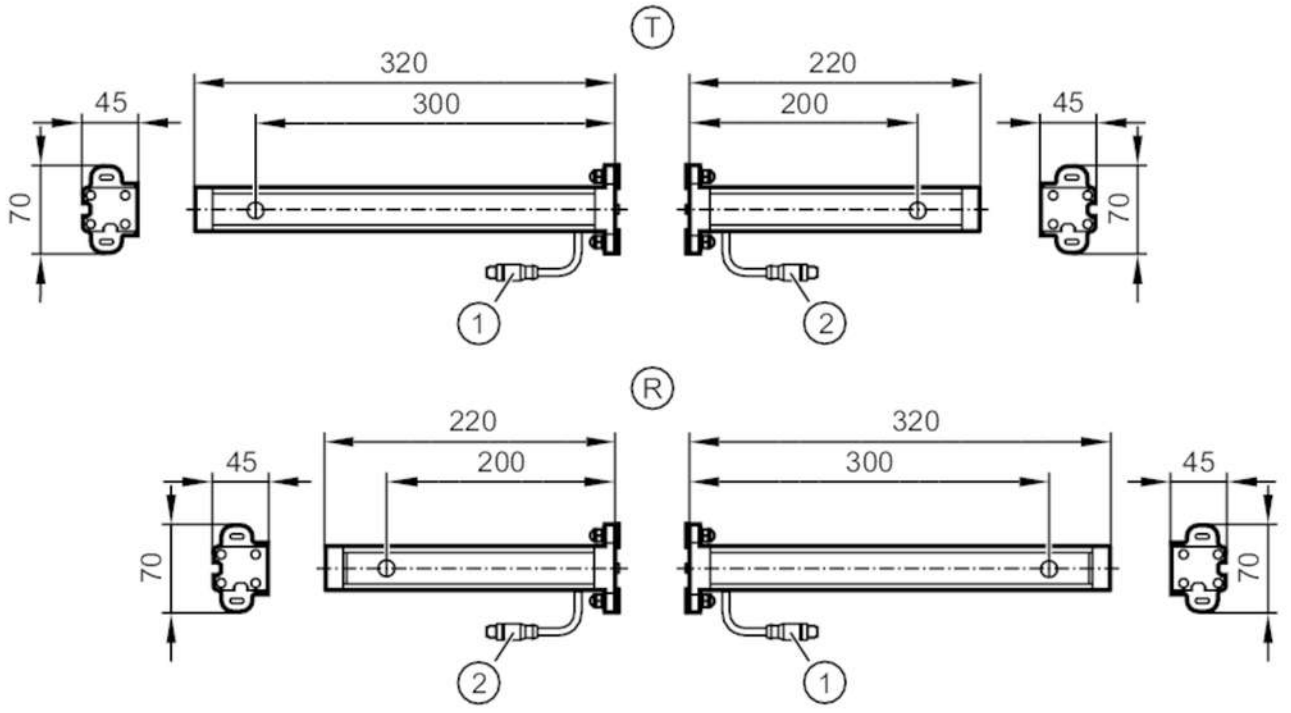
EY5010

Muting arm set

2X-THROUGH-BEAM-SENSORS



1 plug blue
2 plug red
T transmitter
R receiver

CE

Product characteristics		
Type of light		infrared light
Application		
Design		crossbeam muting with two through-beam sensors
Function principle		Through-beam sensor
Electrical data		
Operating voltage	[V]	19.2...28.8 DC
Current consumption	[mA]	120; (transmitter: 60; receiver: 60)
Protection class		III
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	940
Outputs		
Electrical design		PNP
Output function		dark-on mode; (programmable)
Max. voltage drop switching output DC	[V]	0.5
Permanent current rating of switching output DC	[mA]	100
Short-circuit protection		yes
Overload protection		yes

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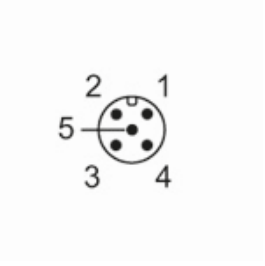
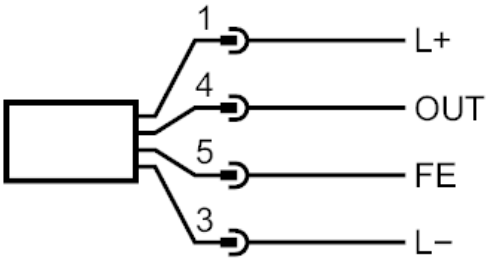
Detection zone		
Range	[m]	< 2.5
Operating conditions		
Ambient temperature	[°C]	-30...55
Protection		IP 65
Tests / approvals		
EMC		EN 60947-5-2
Mechanical data		
Weight	[g]	3000
Materials		aluminium; polypropylene
Lens material		polycarbonate-ABS
Remarks		
Pack quantity		4 pcs.

Electrical connection - receiver 1

Connector: 1 x M12; coding: A; Moulded body: blue



Connection



4 OUT	switching output

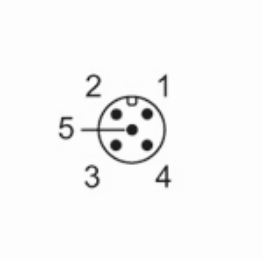
EY5010

Muting arm set

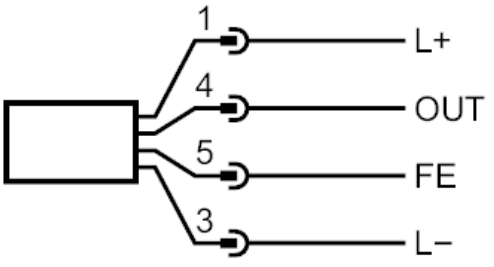
2X-THROUGH-BEAM-SENSORS

Electrical connection - receiver 2

Connector: 1 x M12; coding: A; Moulded body: red



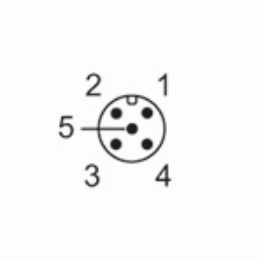
Connection



4 OUT	switching output

Electrical connection - transmitter 1

Connector: 1 x M12; coding: A; Moulded body: blue

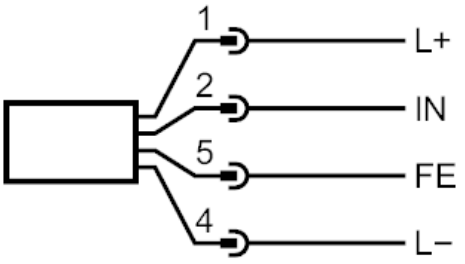


EY5010

Muting arm set

2X-THROUGH-BEAM-SENSORS

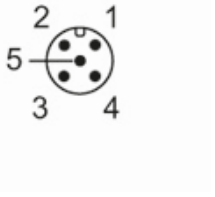
Connection



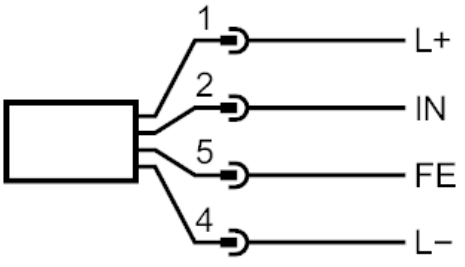
2 IN	Sync A

Electrical connection - transmitter 2

Connector: 1 x M12; coding: A; Moulded body: red



Connection



2 IN	Sync B