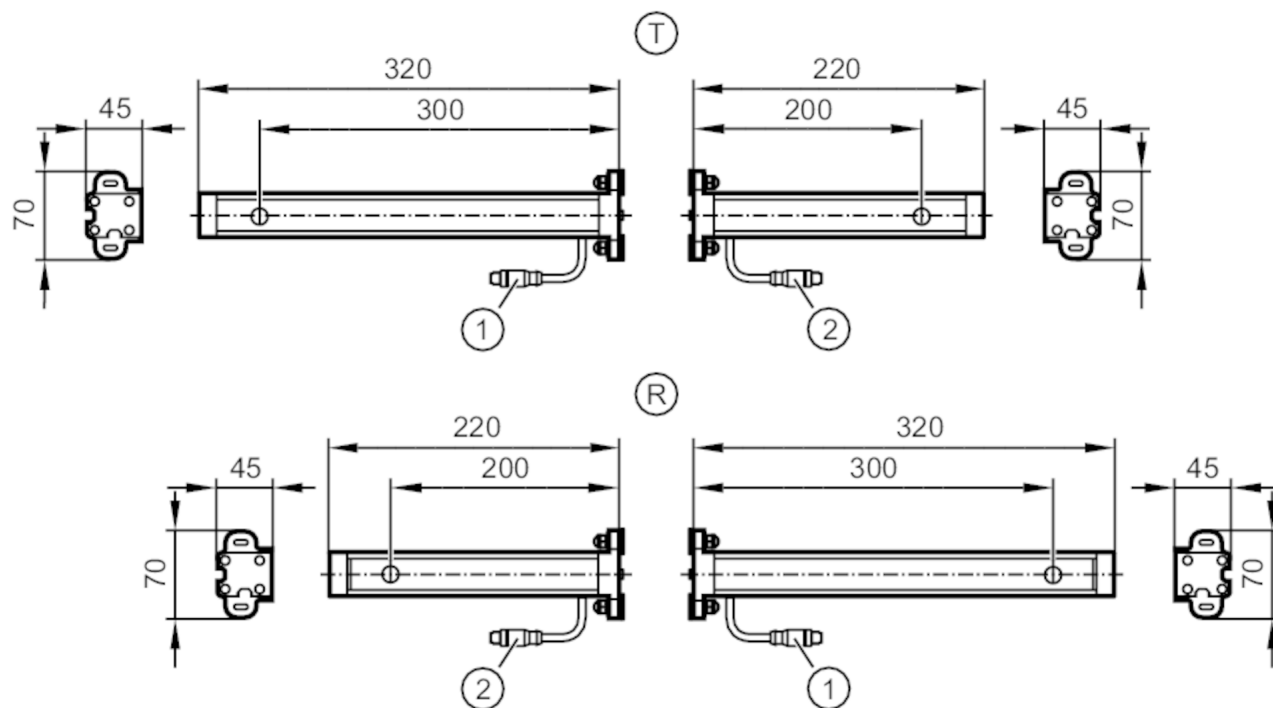


## Muting arm set

2X-THROUGH-BEAM-SENSORS



- 1 plug blue  
2 plug red  
T transmitter  
R receiver



## 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

# EY5010



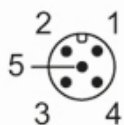
## Muting arm set

2X-THROUGH-BEAM-SENSORS

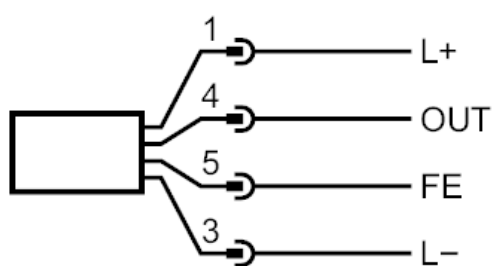
Monitoring range		
Range	[m]	< 2.5
Operating conditions		
Ambient temperature	[°C]	-30...55
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Weight	[g]	3000
Material		aluminum; polypropylene
Lens material		polycarbonate-ABS
Remarks		
Pack quantity		4 pcs.

### Electrical connection - receiver 1

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



### Connection



4 OUT      Switching output

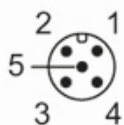


## Muting arm set

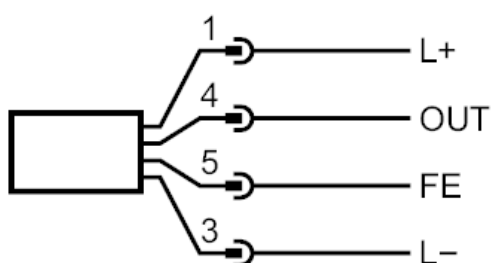
2X-THROUGH-BEAM-SENSORS

### Electrical connection - receiver 2

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



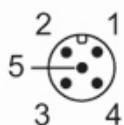
### Connection



4 OUT      Switching output

### Electrical connection - transmitter 1

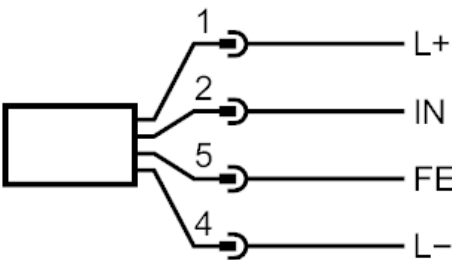
Connector: 1 x M12; coding: A; Moulded body: blue





Muting arm set  
2X-THROUGH-BEAM-SENSORS

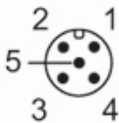
Connection



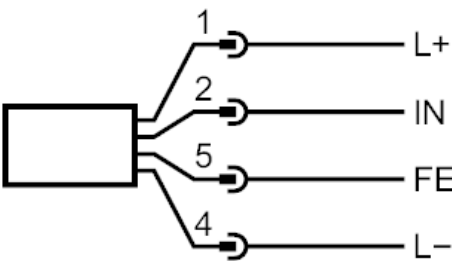
2 IN                      Sync A

Electrical connection - transmitter 2

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



Connection



2 IN                      Sync B