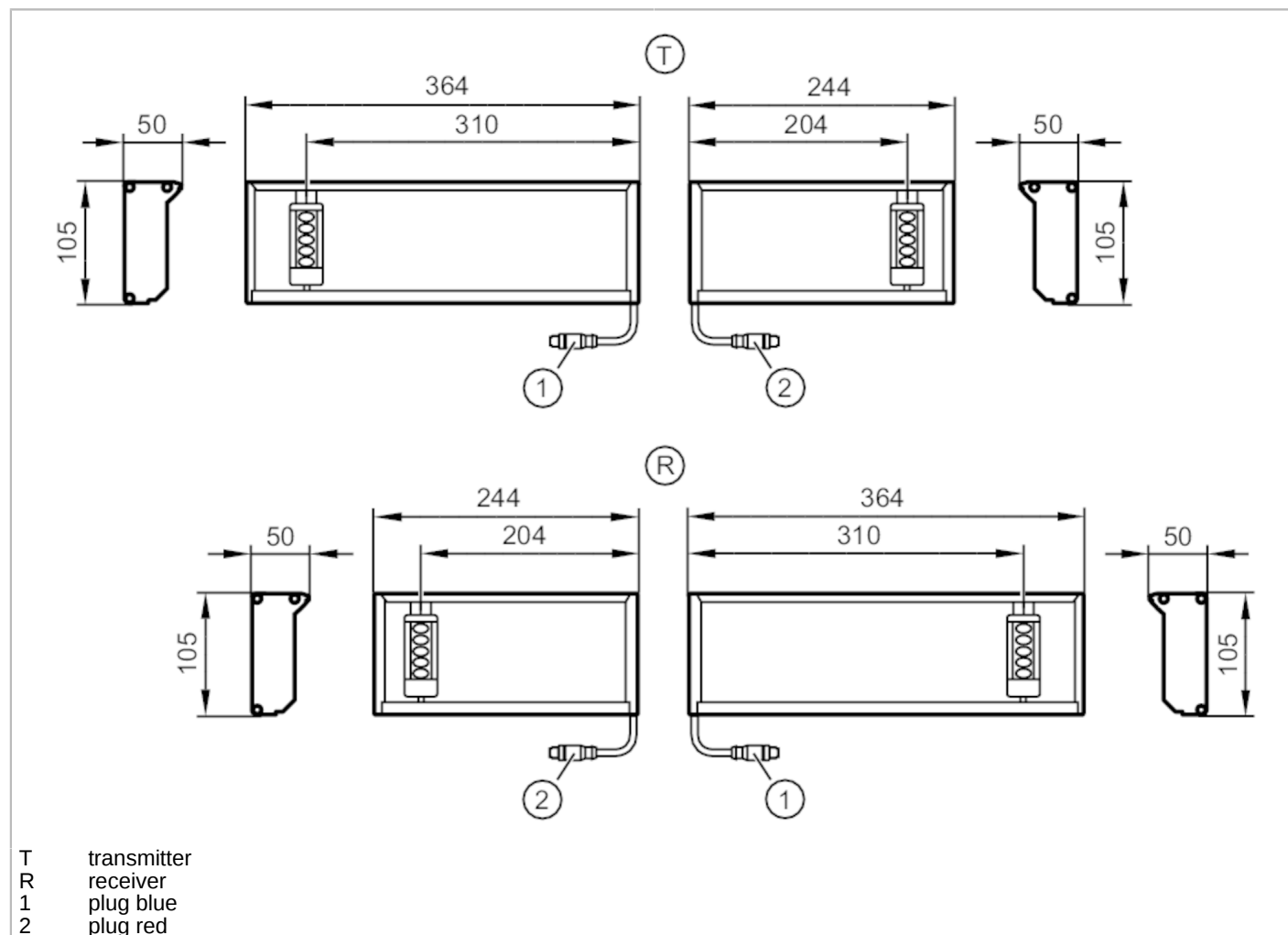


EY5020



Muting arm set

2X-THROUGH-MULTIBEAM-SENSORS



Product characteristics	
Type of light	infrared light
Application	
Design	crossbeam muting with two crossbeam multi-beam light barriers
Function principle	Through-beam sensor
Electrical data	
Operating voltage [V]	19.2...28.8 DC
Current consumption [mA]	30
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
Max. voltage drop switching output DC [V]	0.5



Muting arm set

2X-THROUGH-MULTIBEAM-SENSORS

Permanent current rating of switching output DC [mA]	100
Short-circuit protection	yes
Overload protection	yes

Detection zone

Range [m]	< 3.5
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Operating conditions

Ambient temperature [°C]	-30...55
Protection	IP 65

Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Weight [g]	3540
Materials	aluminium; polypropylene
Lens material	polycarbonate-ABS

Displays / operating elements

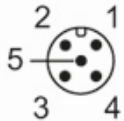
Display	transmitter	LED, yellow
	receiver	LED, green/red

Remarks

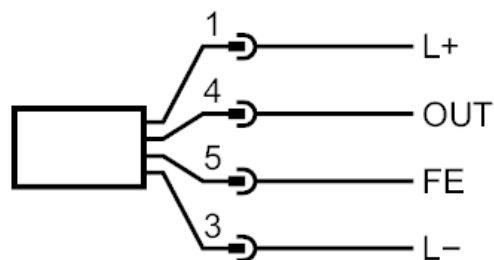
Pack quantity	4 pcs.
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Electrical connection - receiver 1

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



Connection



4 OUT switching output



Muting arm set

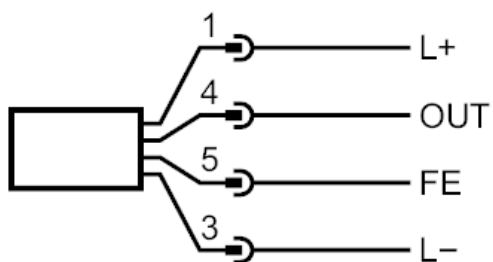
2X-THROUGH-MULTIBEAM-SENSORS

Electrical connection - receiver 2

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



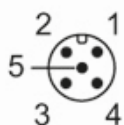
Connection



4 OUT switching output

Electrical connection - transmitter 1

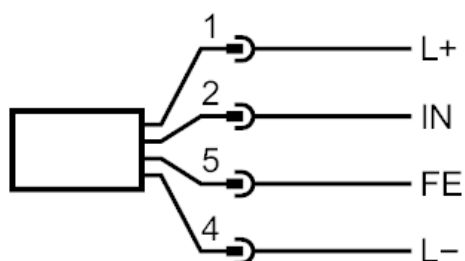
Connector: 1 x M12; coding: A; Moulded body: blue



Muting arm set

2X-THROUGH-MULTIBEAM-SENSORS

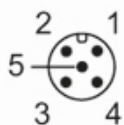
Connection



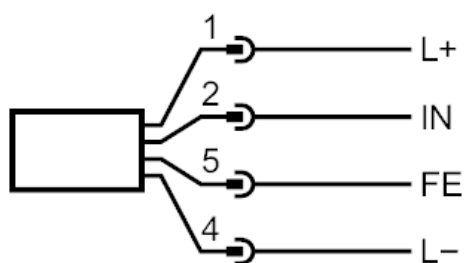
2 IN Sync A

Electrical connection - transmitter 2

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



Connection



2 IN Sync B