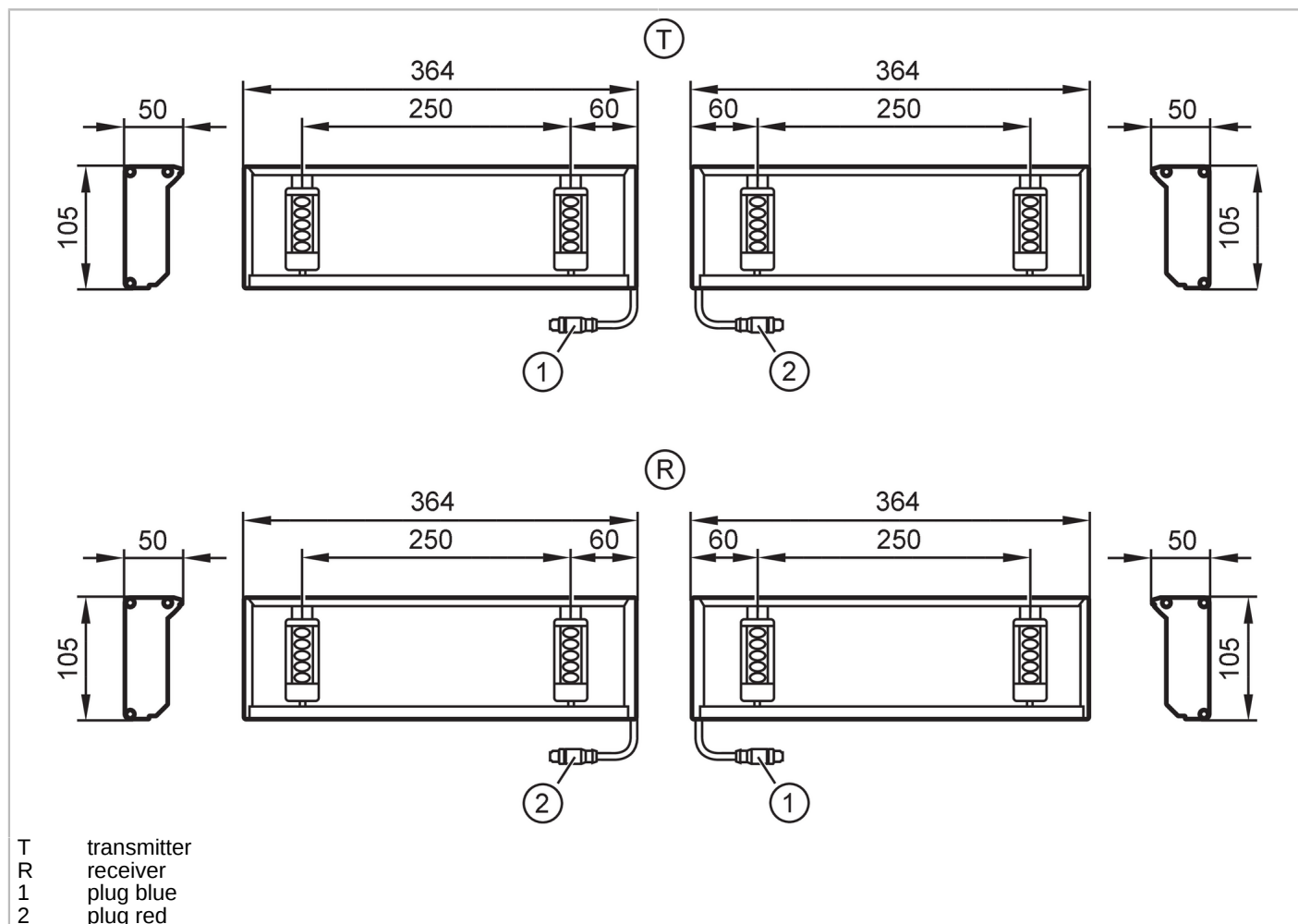


Muting arm set

4P-THROUGH-MULTIBEAM-SENSORS



Product characteristics

Type of light	Infrared light
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Application

Design	sequential muting with four parallel multi-beam light barriers
Function principle	Through-beam sensor

Electrical data

Operating voltage	[V]	19.2...28.8 DC
Current consumption	[mA]	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
Max. voltage drop switching output DC [V]	0.5

EY5021



Muting arm set

4P-THROUGH-MULTIBEAM-SENSORS

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

Monitoring range

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]	4295
Material	aluminum; polypropylene
Lens material	polycarbonate-ABS

Displays / operating elements

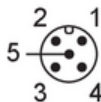
Display	transmitter	LED, yellow
	receiver	LED, green/red

Remarks

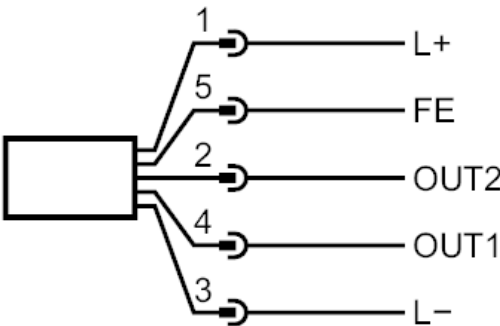
Pack quantity	4 pcs.
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Electrical connection - receiver 1

Connector: 1 x M12; coding: A; Contacts: 5; Moulded body: blue



Connection



4 OUT 1	Switching output
2 OUT 2	Switching output

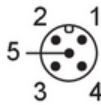


Muting arm set

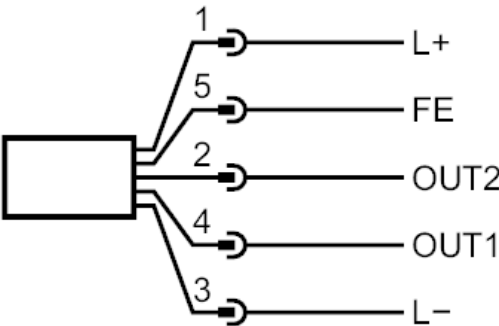
4P-THROUGH-MULTIBEAM-SENSORS

Electrical connection - receiver 2

Connector: 1 x M12; coding: A; Contacts: 5; Moulded body: red



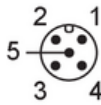
Connection



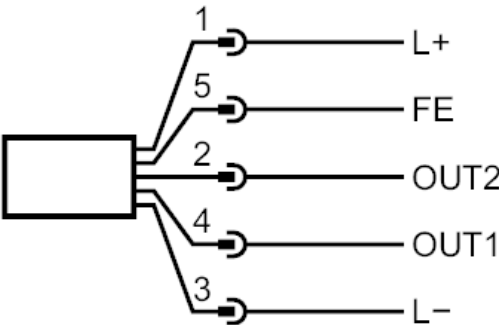
4 OUT 3 Switching output
2 OUT 4 Switching output

Electrical connection - transmitter 1

Connector: 1 x M12; coding: A; Contacts: 5; Moulded body: blue



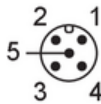
Connection



2 IN Sync A

Electrical connection - transmitter 2

Connector: 1 x M12; coding: A; Contacts: 5; Moulded body: red

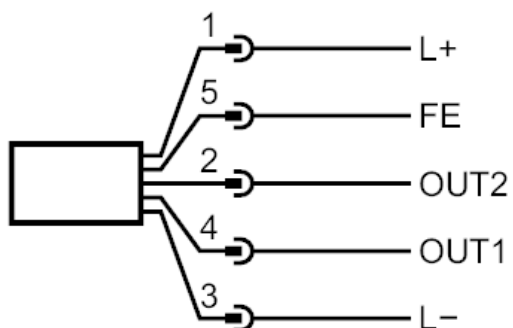




Muting arm set

4P-THROUGH-MULTIBEAM-SENSORS

Connection



2 IN

Sync B