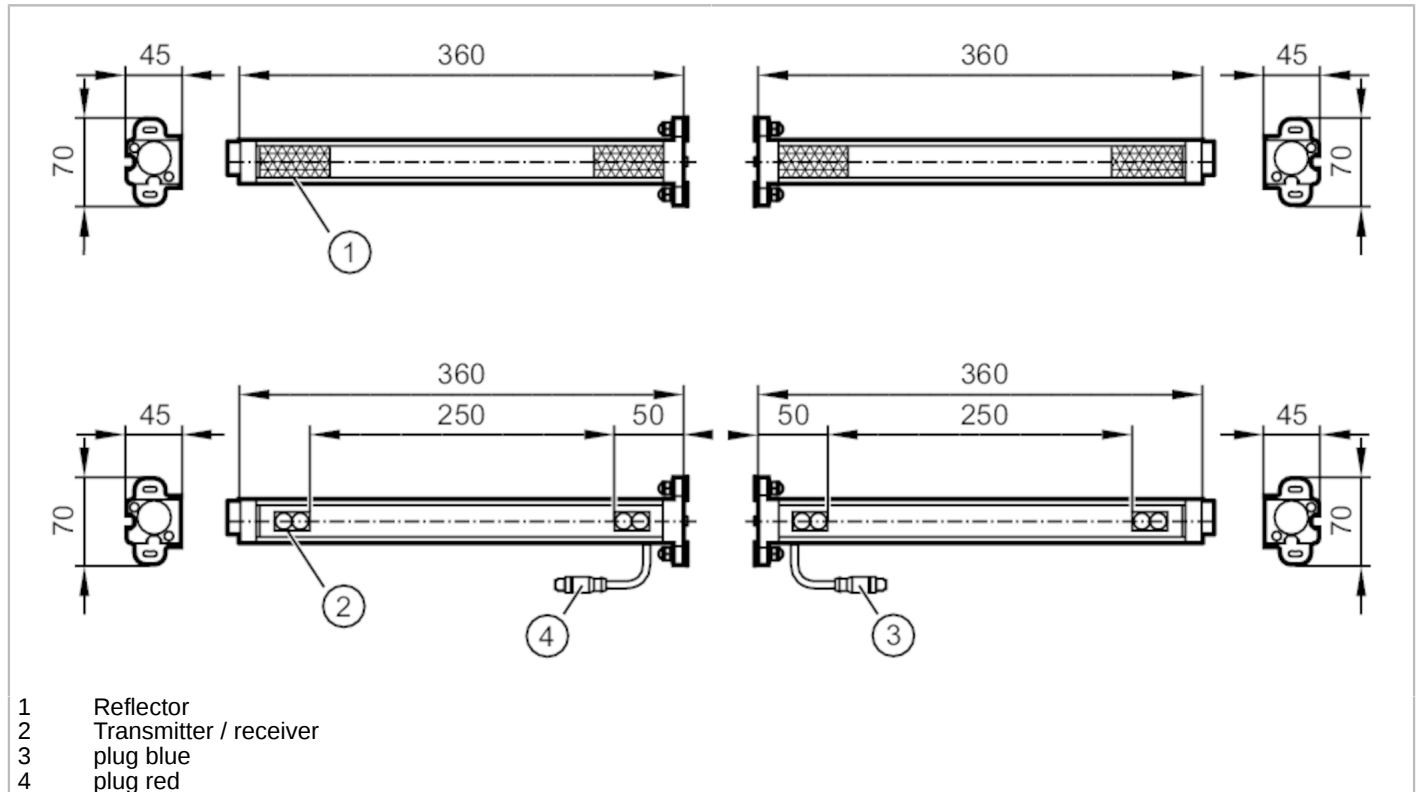


Muting arm set

4P-RETRO-REFLECTIVE-SENSORS



Product characteristics		
Type of light	infrared light	
Application		
Design	sequential muting with four parallel retro-reflective sensors	
Function principle	Retro-reflective 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
Permanent current rating of switching output DC	[mA]	100
Short-circuit protection		yes
Overload protection		yes



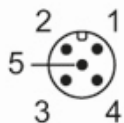
Muting arm set

4P-RETRO-REFLECTIVE-SENSORS

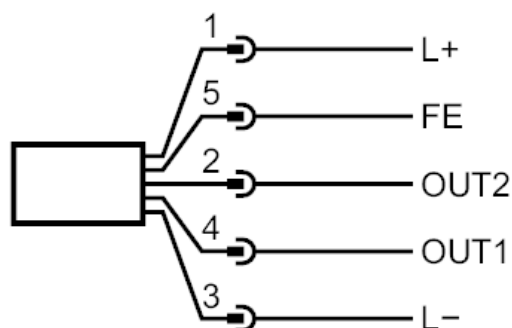
Detection zone		
Range	[m]	< 2.5
Operating conditions		
Ambient temperature	[°C]	-30...55
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Weight	[g]	3530
Materials		aluminium; polypropylene
Lens material		polycarbonate-ABS
Remarks		
Pack quantity		4 pcs.

Electrical connection - transmitter 1

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



Connection



4 OUT 1 switching output
2 OUT 2 switching output

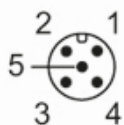


Muting arm set

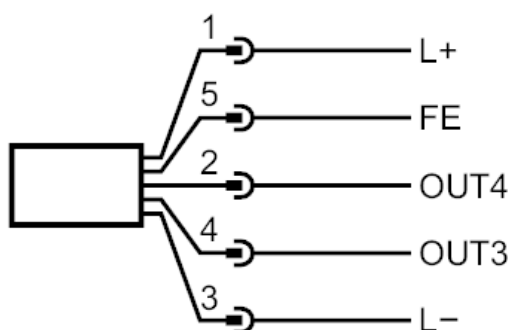
4P-RETRO-REFLECTIVE-SENSORS

Electrical connection - transmitter 2

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



Connection



4 OUT 3	switching output
2 OUT 4	switching output