



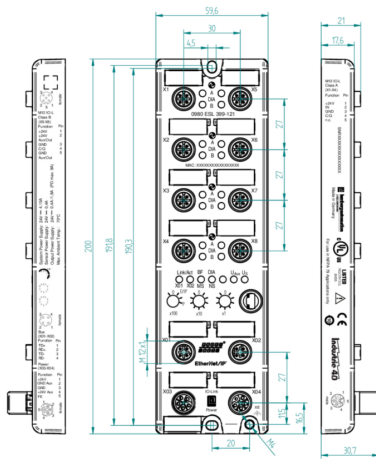
Product: [0980 ESL 399-121-S2](#) 

LioN-P, Multiprotocol IO-Link Master, S2-Redundancy, 4DI 4DO 8IOL (8x M12), M12 L-coded Power Supply, Metal, 60 mm

Product Description

LioN-P, IO-Link Master, Multiprotocol (PROFINET and EtherNet/IP), S2-Redundancy, industrial metal housing, 60 mm, up to IP69K, 4 digital input and 4 digital output channels (2 A) with galvanic isolation and 8 IO-Link Master, 8 x M12 A-coded I/O connection, 5-poles, 2 x M12 D-coded bus connection, 4-poles, 2 x M12 L-coded power supply connection, 5-poles

Technical Drawing



Technical Specifications

Product Description

Product Family:	I/O Systems: Active - Standalone
Brand:	Belden
Vibration Resistance:	15 g / 5 -500 Hz

Technical Data Side 1

Side 1 Product Sub Family:	LioN-P
Ambient Temperature (Operation)*:	-20 °C to 70 °C
Protection Degree / IP Rating**:	IP65, IP67, IP69K
Side 1 Pollution Degree:	3 acc. to EN 60664-1, VDE 0110-1
Contact Base Material:	M12, D-coded, CuSn, Gold-plated M12 Power, L-coded, CuNi, Gold-plated
Contact Bearer Material:	PA
Housing Material:	Metal, Zinc Die-cast
Housing Plating:	Nickel, matt
Housing Color:	Grey Metallic
O-Ring Material:	FKM
Protective Circuit:	Electronically: Overload protection, short-circuit protection
Mount Type:	2 hole screw mounting. Use standard M4 x 25 / 30 screws with toothed lock washer (as per DIN 125) and self-locking nuts.

Approvals

UL-File:	E230848
UL:	cULus Listed, UL 61010-1
CSA:	Yes, via UL

Safety & Environmental Compliance

RoHS Compliant:	Yes
CE:	Yes

Notes

Protection Degree / IP Rating Note:	*only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
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History

Update and Revision:	Revision Number: 0.63 Revision Date: 04-30-2026
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Variants

Item #	Item Description
935021004	0980 ESL 399-121-S2

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