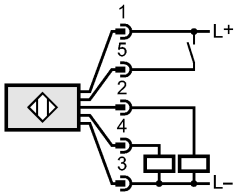
O1D300

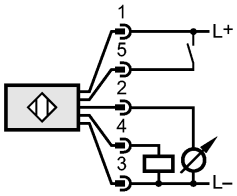
O1DLF3KG/IO-LINK

Messbereich	[m]	0,2...10 (bezogen auf weißes Papier 200x200 mm, 90% Remission)
Messfrequenz	[Hz]	1...33
Schnittstellen		
IO-Link-Master		
Übertragungstyp		COM2 (38,4 kBaud)
IO-Link Revision		1.1
SDCI-Norm		IEC 61131-9
IO-Link-Device		
IO-Link-Device ID		813d / 00 03 2Dh
Profile		Smart Sensor: Sensor Identification; Binary Data Channel; Process Value; Sensor Diagnosis
SIO-Mode		ja
Benötigte Masterportklasse		A
Prozessdaten analog		2
Prozessdaten binär		2
Min. Prozesszykluszeit	[ms]	6,0
Umgebungsbedingungen		
Umgebungstemperatur	[°C]	-10...60
Schutzart		IP 67
Zulassungen / Prüfungen		
EMV		EN 60947-5-2
MTTF	[Jahre]	107
Mechanische Daten		
Gehäusewerkstoffe		Gehäuse: Zinkdruckguss; Frontscheibe: Glas; LED-Fenster: Polycarbonat
Gewicht	[kg]	0,307
Anzeigen / Bedienelemente		
Anzeige		Schaltzustand 2 x LED gelb Betrieb LED grün Abstandswert, Programmierung 4-stellige alphanumerische Anzeige
Elektrischer Anschluss		
Anschluss		M12-Steckverbindung

Anschlussbelegung







2: OUT2: Schaltausgang oder 4...20 mA / 0...10 V
4: OUT1: Schaltausgang / IO-Link

Zubehör		
Zubehör (optional)		Abdeckscheibe E21133
Bemerkungen		
Bemerkungen		Achtung: Laserlicht Leistung <= 4,0 mW Wellenlänge 650 nm Puls 1,3 ns Nicht in den Strahl blicken

efector200

O1D300

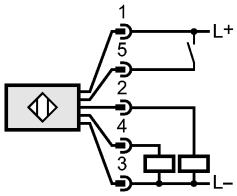
O1DLF3KG/IO-LINK

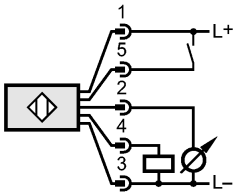
Photoelectric sensors

Measuring range	[m]	0.2...10 (Range referred to white paper 200 x 200 mm, 90 % remission)
Sampling rate	[Hz]	1...33
Interfaces		
IO-Link master		
Transfer type		COM2 (38.4 kBaud)
IO-Link revision		1.1
SDCI standard		IEC 61131-9
IO-Link device		
IO-Link device ID		813d / 00 03 2Dh
Profiles		Smart Sensor: Sensor Identification; Binary Data Channel; Process Value; Sensor Diagnosis
SIO mode		yes
Required master port class		A
Process data analogue		2
Process data binary		2
Min. process cycle time	[ms]	6.0
Environment		
Ambient temperature	[°C]	-10...60
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[Years]	107
Mechanical data		
Housing materials		housing: diecast zinc; window: glass; LED window: polycarbonate
Weight	[kg]	0.307
Displays / operating elements		
Display		Switching status 2 x LED yellow Operation LED green Distance, programming 4-digit alphanumeric display
Electrical connection		
Connection		M12 connector

Wiring







2: OUT2: switching output or 4...20 mA / 0...10 V
4: OUT1: switching output / IO-Link

Accessories		
Accessories (optional)		Protective cover E21133
Remarks		
Remarks		Caution: Laser Light Power <= 4.0 mW wavelength = 650 nm pulse 1.3 ns Do not stare into beam