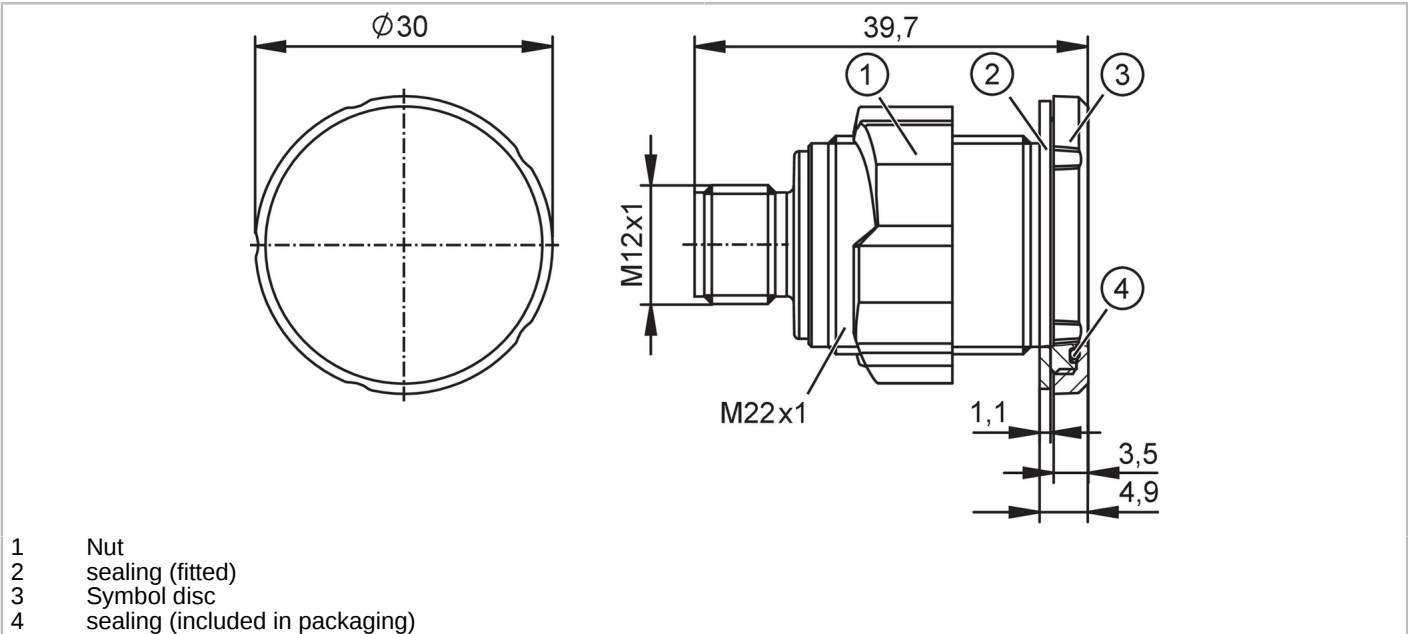


KTV101



M22 light

KTE-VOKM--RKG/US/IO



Product characteristics		
Communication interface		IO-Link
Housing		Threaded type
Dimensions	[mm]	M22 x 1 / L = 39.7
Electrical data		
Operating voltage	[V]	8...32 DC
Protection class		III
Reverse polarity protection		yes
Current consumption		< 7,2 mA; (LED off: Ub = 24 V) < 125 mA; (LED white, max. brightness: Ub = 8 V) < 79 mA; (LED white, max. brightness: Ub = 12 V) < 43 mA; (LED white, max. brightness: Ub = 24 V) < 35 mA; (LED white, max. brightness : Ub = 32 V)
Inputs		
Total number of inputs		2
Switching level high	[V]	> 19.2; (at 24 V safely on : Voltage >= Ub*0,8)
Switching level low	[V]	< 4.8; (at 24V safely off : Voltage <= Ub*0,2)
Inputs		according to the standard IEC 61131-2 (Typ 3)
Interfaces		
Communication interface		IO-Link
Transmission type		COM2 (38,4 kBaud)
IO-Link revision		1.1.3
Profiles		Common - I&D Extension Function Function
		Identification and Diagnosis Sensor Control Wide Locator ProductURI
Min. process cycle time	[ms]	5

KTV101



M22 light

KTE-VOKM--RKG/US/IO

Supported DeviceIDs	Type of operation	DeviceID
	default	1562

Operating conditions

Ambient temperature	[°C]	-30...65
Protection	IP 65; IP 67; (IP 69K on the front)	

Tests / approvals

EMC	EN 61000-4-2 ESD	4 kV CD / 8 kV AD
	EN 61000-4-3 HF radiated	10 V/m / 3 V/m
	EN 61000-4-4 Burst	2 kV
	EN 61000-4-6 HF conducted	10 V
	IEC 61000-6-3, EN 55011	(Class B)
	IEC 61000-4-5 Surge	1 kV (L+ to L- , 42 Ω, 0,5 μF) / 0,5 kV (all cables to L- , 42 Ω, 0,5 μF)
Vibration resistance	EN 60068-2-6 Fc	20 g (10...3000 Hz) / 50 sweep cycles per frequency; 1 octave per minute in 3 axes
Shock resistance	EN 60068-2-27 Ea	50 g 11 ms half-sine; 20 shocks each in every direction of the 3 coordinate axes
Continuous shock resistance	EN 60068-2-29 Eb	40 g 6 ms half-sine; 8000 shocks each in every direction of the 3 coordinate axes
MTTF	[years]	309

Mechanical data

Weight	[g]	48.1
Housing	Threaded type	
Dimensions	[mm]	M22 x 1 / L = 39.7
Thread designation	M22 x 1	
Material	housing: PA; lock nut: PBT; Symbol disc: PA; Gasket: NR	

Displays / operating elements

Display	Power	LED, RGB configurable
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Accessories

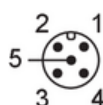
Items supplied	lock nuts: 1 x M22	
	transparent symbol disc: 1	
	symbol sticker: 1	
	Gasket: 1	
	O-ring: 1	
Accessories (optional)	Symbol disc	

Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Connector: 1 x M12; coding: A



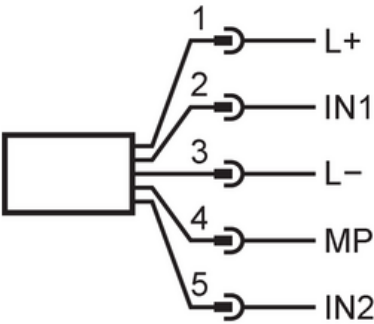
KTV101



M22 light

KTE-VOKM--RKG/US/IO

Connection



1	L+	
2	IN1	
3	L-	
4	MP	DO (NO/NC), IO-Link
5	IN2	

MP: multifunctional input; DO: digital output; NO: normally open; NC: normally closed