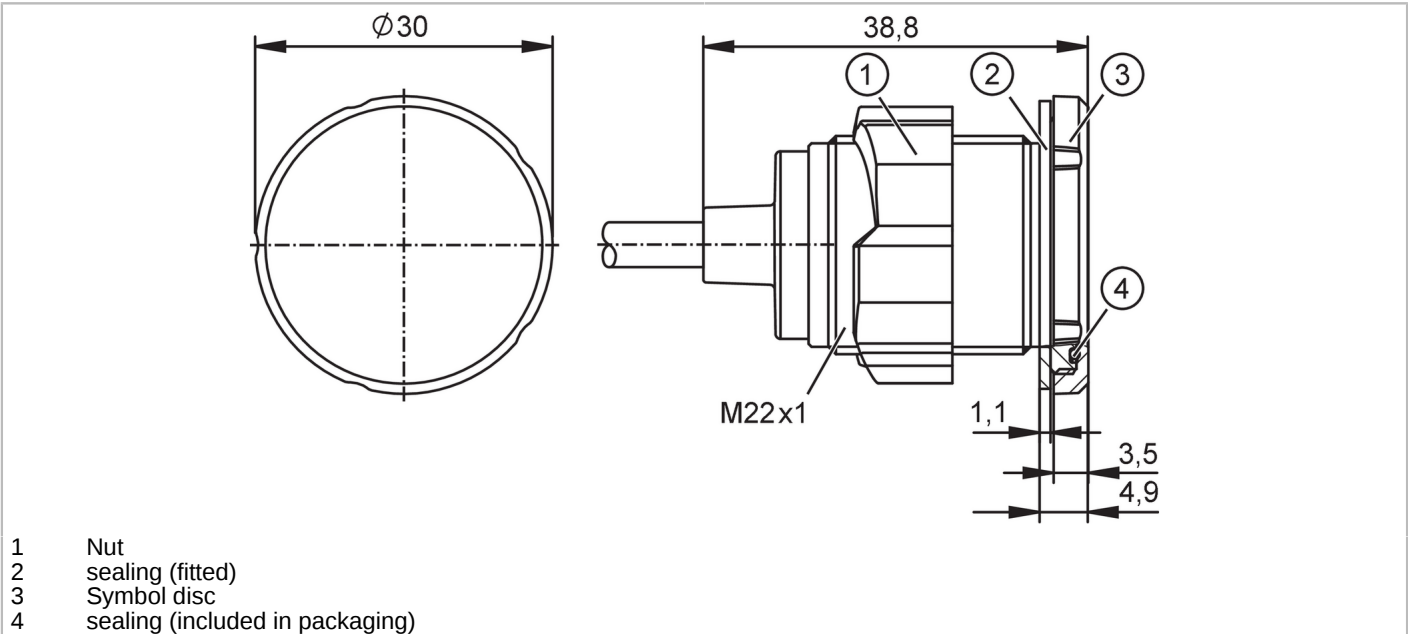


KTV102



M22 light

KTE-VOKM--RKG/2M/IO



- 1 Nut
- 2 sealing (fitted)
- 3 Symbol disc
- 4 sealing (included in packaging)



Product characteristics		
Communication interface	IO-Link	
Housing	Threaded type	
Dimensions	[mm]	M22 x 1 / L = 38.8
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	Identification and Diagnosis
	Extension	Sensor Control Wide
	Function	Locator
	Function	ProductURI
Min. process cycle time	[ms]	5

KTV102



M22 light

KTE-VOKM--RKG/2M/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]	109
Housing	Threaded type	
Dimensions	[mm]	M22 x 1 / L = 38.8
Thread designation	M22 x 1	
Material	housing: PA; lock nut: PBT; Symbol disc: PA; Gasket: NR	
Displays / operating elements		
Display	Power	LED, RGB configurable
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.	

KTV102



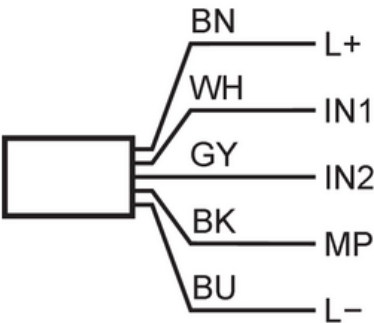
M22 light

KTE-VOKM--RKG/2M/IO

Electrical connection

Cable: 2 m, PUR, Ø 4.9 mm; 5 x 0.34 mm²

Connection



BN : brown
WH : white
GY : grey
BK: black
BU: blue

BN	L+	
WH	IN1	
GY	L-	
BK	MP	DO (NO/NC), IO-Link
BU	IN2	

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