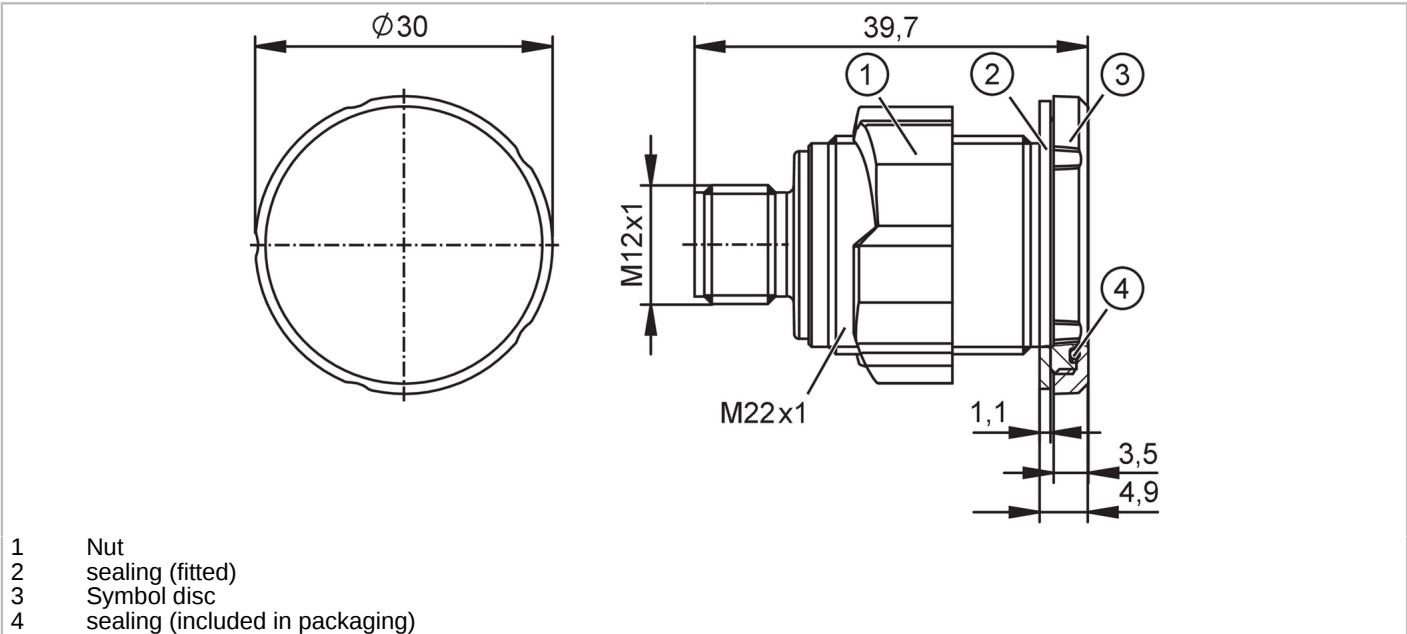


KTV101



M22 light

KTE-VOKM--RKG/US/IO



Product characteristics	
Communication interface	IO-Link
Housing	Threaded type
Dimensions [mm]	M22 x 1 / L = 39.7
Application	
UV resistant	yes
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

KTV101



M22 light

KTE-VOKM--RKG/US/IO

Profiles	Common - I&D	Identification and Diagnosis
	Extension	Sensor Control Wide
	Function	Locator
	Function	ProductURI
Min. process cycle time	[ms]	5
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
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.	

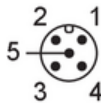


M22 light

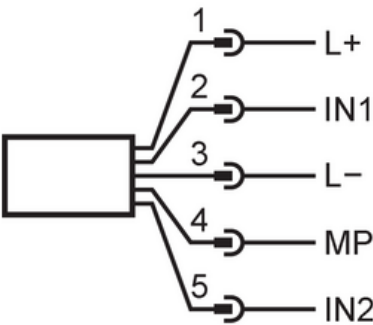
KTE-VOKM--RKG/US/IO

Electrical connection - plug

Connector: 1 x M12; coding: A



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