MURR ELEKTRONIK
stay connected

IO-Link Device with two buttons (2 NO contacts)

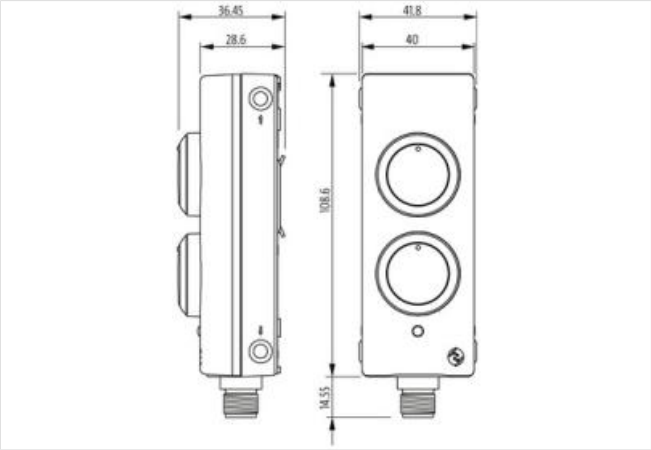
RGB illumintaion

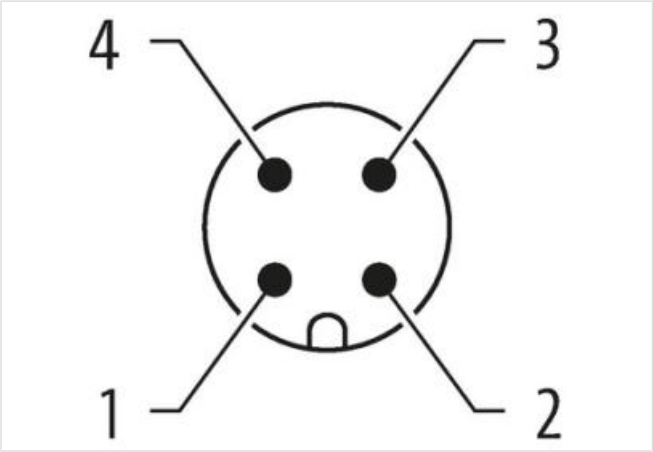
2 buttons (N/O contact)
RGB Light (flexible color selection, incl. flashing and dimmer mode)
M12 connection (4-pole, A-coded)
Housing IP65

[Link to Product]

Illustration







Product may differ from Image

General product information

Dual-Use	no
Suitable for outdoor use	no

Commercial data

ECLASS-6.1	27371216
ECLASS-7.0	27371216
ECLASS-8.0	27371216

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ECLASS-9.0	27371216
ECLASS-10.1	27371216
ECLASS-11.1	27371216
ECLASS-12.0	27371216
customs tariff number	85365011
GTIN	4065909069080
Packaging unit	1
Electrical data | Supply	
Operating voltage DC	24 V
Operating voltage DC min.	19,2 V
Operating voltage DC max.	28,8 V
Operating current max.	100 mA
Industrial communication	
Updateable	yes
Industrial communication | IO-Link	
IO-Link revision ID	V1.1.2
IO-Link cycle time min.	5 ms
IO-Link transmission rate	COM2 (38.4 kbit/s)
Device protection | Electrical	
Installation height max. ASL	2000 m
Degree of protection front (EN IEC 60529)	IP65
Degree of protection back (EN IEC 60529)	IP65
Protection class (EN IEC 61140)	III
Pollution Degree	2
Device protection | Mechanical	
Mechanical endurance	1000000 Cycles
Shock resistance (EN IEC 60068-2-27)	50 g, 11 ms
Vibration resistance (EN IEC 60068-2-6)	0,35 mm (10 ... 60 Hz), 5 g (60 ... 500 Hz)
Mechanical data	
Number of making contacts	2
Number of buttons	2
Can be illuminated	yes
Actuator position 1	Illuminated pushbutton
Actuator position 2	Illuminated pushbutton
Actuating function	spring return
Color	light gray
Color bezel	colorless
Color front ring	metallic silver
Color illuminant	RGB
Shape collar	round
Type of illuminant	LED
Mechanical data | Mounting data	
Mounting method	Mounting clip
Height	35,6 mm
Width	40 mm
Length	132,2 mm
Net weight	121 g
Environmental characteristics | Electromagnetic compatibility	
Interference emission	Emission standard for equipment in residential environments (IEC 61000-6-3)
Immunity to interference	Immunitiy standard for industrial environments (IEC 61000-6-2)
Environmental characteristics | Climatic	

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Operating temperature min.	-30 °C
Operating temperature max.	60 °C
Storage temperature min.	-40 °C
Storage temperature max.	80 °C
Relative humidity min. (operation)	25 %
Relative humidity max. (operation)	75 %
Environmental product conformity	
REACH	(EC) No 1907/2006
RoHS	2011/65/EU & 2015/863 - Exception 7(a)&7(c)I
China RoHS II	SJ/T 11364-2014 - EPUP-20
California Proposition 65	Ni CAS No.7440-02-0
WEEE	2012/19/EU | Category 5
Conformity	
CE	2011/65/EU, 2014/30/EU
UKCA	Electromagnetic Compatibility Regulations 2016, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
Approvals	
UR	E172109
URc	E172109
Connection type 1	
Connection type 1	Port
Mounting method	inserted, screwed
Tightening torque	0,6 Nm
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	24 V DC (US) (L +)
PIN 2	n.c.
PIN 3	0 V (US) (L -)
PIN 4	C / Q / IO-Link

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