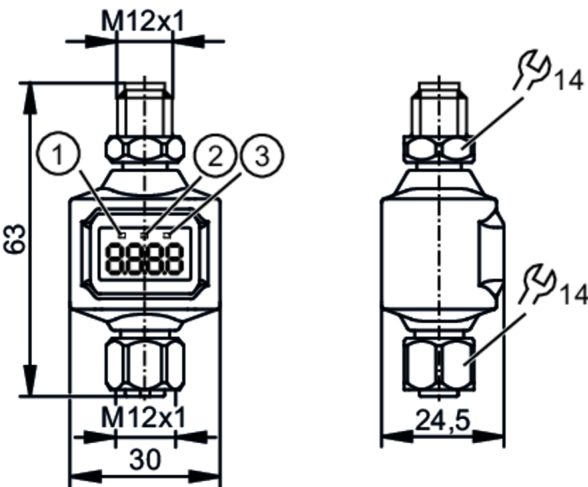


DP4402



Pulse stretcher

PULSE EXTENDER/IP69K



- 1 LED I
- 2 Power
- 3 LED II



Product characteristics		
Electrical design		PNP
Output function		normally open / normally closed; (parameterisable)
Communication interface		IO-Link
Dimensions	[mm]	63 x 30 x 24.5
Application		
Application		configurable switch-on and switch-off delay for switching signals; for use in wet environments; indoor use
Electrical data		
Operating voltage	[V]	18...30 DC; ((in wet environments: 18...28 V) to SELV/PELV)
Nominal voltage DC	[V]	24
Current consumption	[mA]	< 380
Max. current load total	[A]	0.2
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 2; Number of digital outputs: 2
Inputs		
Number of digital inputs		2; (IEC61131-2)
Input current limitation	[mA]	200
Outputs		
Electrical design		PNP
Number of digital outputs		2
Output function		normally open / normally closed; (parameterisable)
Short-circuit proof		yes
Measuring/setting range		
Sampling rate	[Hz]	< 2000

DP4402



Pulse stretcher

PULSE EXTENDER/IP69K

Interfaces		
Communication interface	IO-Link	
Usage type	parameter setting	
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
SIO mode	yes	
Required master port type	A	
Process data binary	2	
Supported DeviceIDs	Type of operation	DeviceID
	default	1168
Operating conditions		
Ambient temperature	[°C]	-25...60
Note on ambient temperature		2000 m: -25...60 °C
		3000 m: -25...53 °C
		4000 m: -25...51 °C
Storage temperature	[°C]	-25...70
Max. relative air humidity	[%]	90; (linearly decreasing to 50 % (40 °C) non condensing)
Max. height above sea level	[m]	4000
Protection		IP 67; IP 69K
Pollution degree		2
Chemical media	DIN EN ISO 175, Ecolab test method 40-1	
	the following media were tested for 28 days at constant room temperature using the dipping test method	P3-topax 66
		P3-topax 990
		Topactive 200
		Topactive 500
		Topactive OKTO
Tests / approvals		
MTTF	[years]	317
Mechanical data		
Weight	[g]	77.2
Weight (without accessories and packaging)	[g]	28
Dimensions	[mm]	63 x 30 x 24.5
Materials		housing: PA
Material nut		stainless steel (316L/1.4404)
Sealing material		FKM
Displays / operating elements		
Display	operation	1 x LED, green
	switching output	2 x LED, yellow
		7-segment LED display, red
Remarks		
Remarks	For further information please see the operating instructions.	
Pack quantity	1 pcs.	

DP4402



Pulse stretcher

PULSE EXTENDER/IP69K

Electrical connection - plug

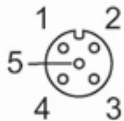
Connector: 1 x M12, straight; coding: A; Locking: stainless steel (316L/1.4404)



- | | |
|---------|----------------|
| 1: L+ | supply voltage |
| 2: OUT2 | DO2 |
| 3: L- | supply voltage |
| 4: OUT1 | IO-Link / DO1 |

Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Locking: stainless steel (316L/1.4404); Sealing: FKM



- | | |
|--------|------|
| 1: L+ | |
| 2: IN2 | DI2 |
| 3: L- | |
| 4: IN1 | DI1 |
| 5: | n.c. |

Other data

switch-on/switch-off delay	0...9999 ms
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