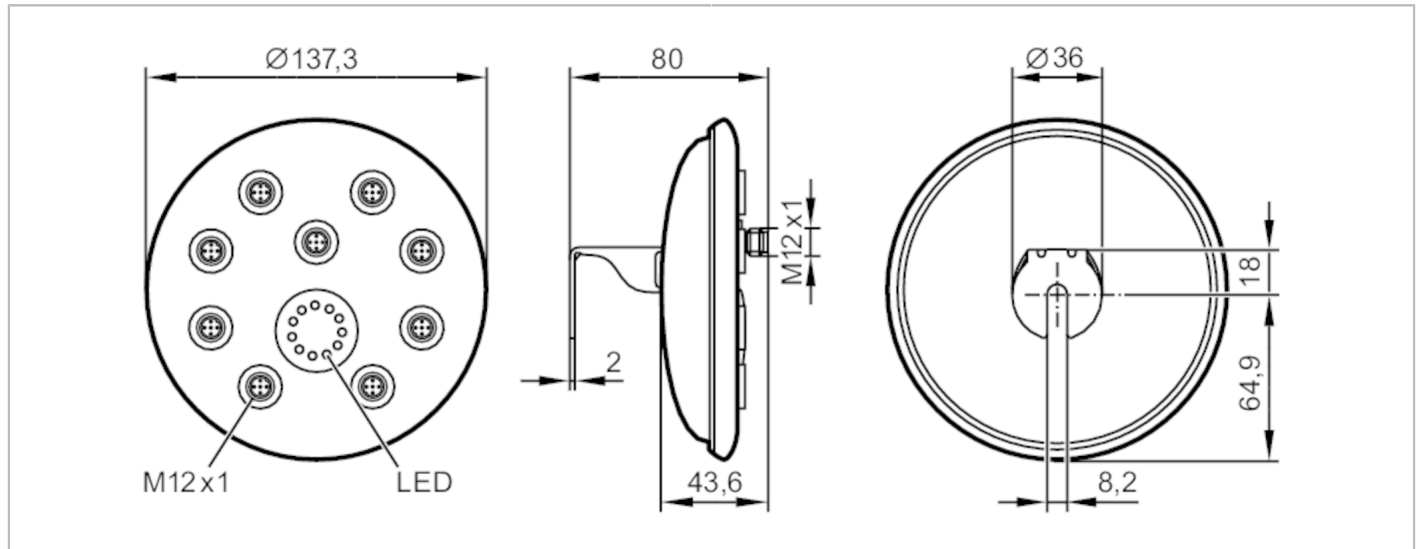


AC2910



AS-Interface ProcessLine module

ProcessLine 8DI IP69K



Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	500

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 8
------------------------------	-----------------------------

Inputs

Number of digital inputs		8; (2 x Slave)
Input circuit of digital inputs		PNP
voltage supply	[V]	18...30
Max. total current rating of inputs	[mA]	400
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Min. switching level high signal	[V]	11
Digital inputs protected against short circuits		yes
Sensor supply of the inputs		AS-i

Outputs

Beschaltung	PNP
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Operating conditions

Ambient temperature	[°C]	-5...70
Protection		IP 69K

Tests / approvals

EMC	EN 50295	
MTTF	[years]	212



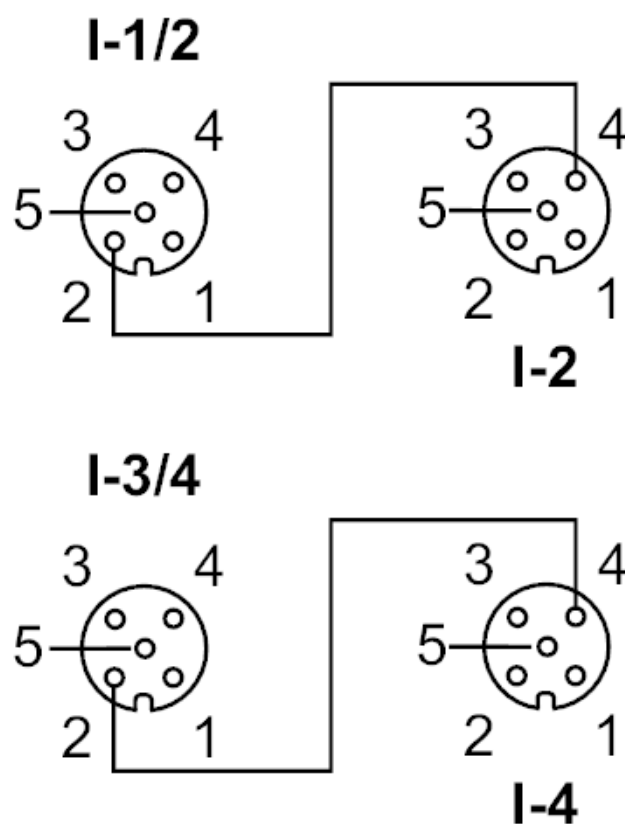
AS-Interface ProcessLine module

ProcessLine 8DI IP69K

AS-i classification						
AS-i version		2.1				
Extended addressing mode possible		yes				
AS-i profile		S-0.A.E				
AS-i I/O configuration [hex]		0				
AS-i ID code [hex]		A.E				
AS-i certificate		88901				
Assignment of the data bits		data bit	D0	D1	D2	D3
		input	1	2	3	4
		socket	I-1/2	I-1/2 I-2	I-3/4	I-3/4 I-4
		pin	4	2 4	4	2 4
Mechanical data						
Weight [g]		643				
Dimensions [mm]		137.3 x 80 x 137.3				
Materials		stainless steel; PC; O-ring: EPDM				
Displays / operating elements						
Display		operation		LED, green		
		errors		LED, red		
		function		LED, yellow		
Accessories						
Accessories (supplied)		Protective cap: M12, E70297				
Accessories (optional)		Torque wrench, E70390				
		Flat cable insulation displacement connector, E70454				
Remarks						
Remarks		Inputs and outputs must be electrically isolated.				
		Do not connect any of the following points to an external potential:				
		I-, I+, I-1/2, I-2, I-3/4, I-4				
		The connections are electrically connected with the AS-i cable.				
		default setting of the ID1 codes: slave 1=1 / slave 2=2				
Pack quantity		The round cable connected to AS-i should not be longer than 2 m.				
		1 pcs.				

Electrical connection - Process connection

Connection



1	Sensor supply L+
3	Sensor supply L-
5	functional earth

Connector: M12

Electrical connection - AS-i

1	AS-i+
2	n.c.
3	AS-i -
4	n.c.
5	functional earth

Connector: M12

AC2910



AS-Interface ProcessLine module

ProcessLine 8DI IP69K

