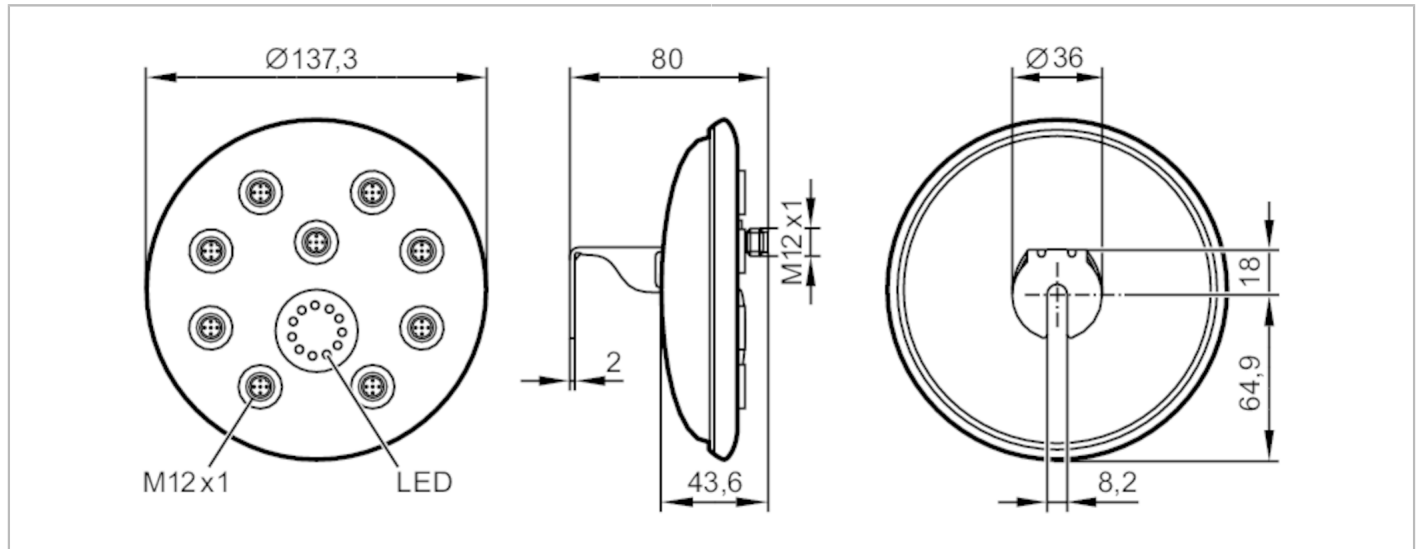


AC2910



AS-Interface ProcessLine module

ProcessLine 8DI IP69K



Application

Application	for hygienic and wet areas in the food industry
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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
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Inputs

Number of digital inputs		8; (2 x Slave)
Input circuit of digital inputs		PNP; (type 2 according to IEC 61131-2)
Sensor supply of the inputs		AS-i
Voltage supply	[V]	18...30; (DC)
Max. total current rating of inputs	[mA]	400
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes

Operating conditions

Ambient temperature	[°C]	-5...70
Protection		IP 68; IP 69K

Tests / approvals

EMC	EN 62026-2	
	EN 61000-6-2	
MTTF	[years]	212



AS-Interface ProcessLine module

ProcessLine 8DI IP69K

AS-i classification				
AS-i version	2.1			
Extended addressing mode	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
	input	1	2	3
	socket	I-1/2	I-1/2 I-2	I-3/4
	pin	4	2 4	4

Mechanical data	
Weight [g]	644
Dimensions [mm]	Ø 137.3 / L = 80
Materials	threaded bush: stainless steel (1.4404 / 316L); PC; O-ring: EPDM

Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow

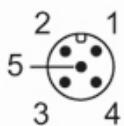
Electrical connection	
Module connection	M12

Accessories	
Items supplied	Protective cap: M12, E70297
	Torque wrench:, E70390
Accessories (optional)	Flat cable insulation displacement connector:, E70454
	Flat cable insulation displacement connector:, E70354

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 - AS-i

Connector: M12; Tightening torque: 0.6...0.8 Nm



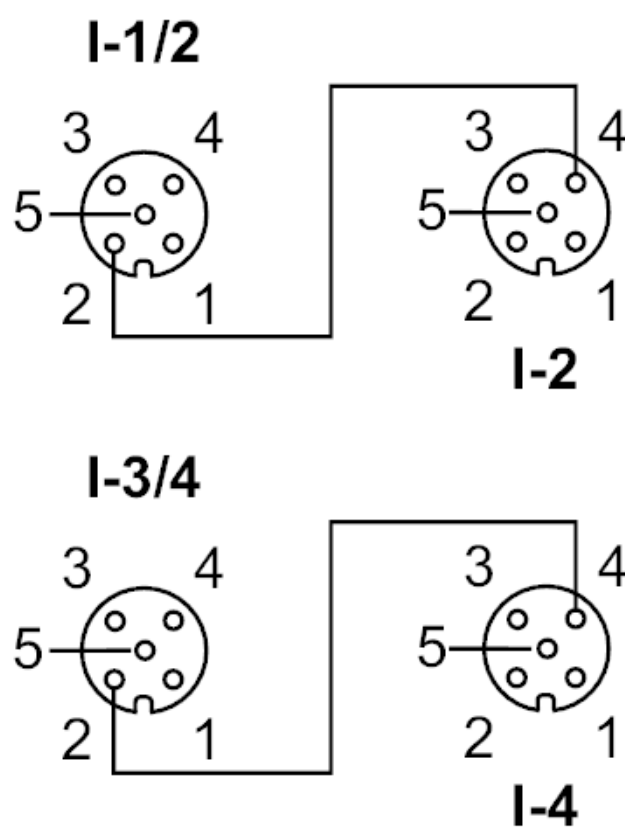
AS-Interface ProcessLine module

ProcessLine 8DI IP69K

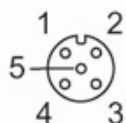
1	AS-i+
2	n.c.
3	AS-i -
4	n.c.
5	functional earth FE

Electrical connection - Inputs

Connection



Connector: M12; Tightening torque: 0.6...0.8 Nm



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