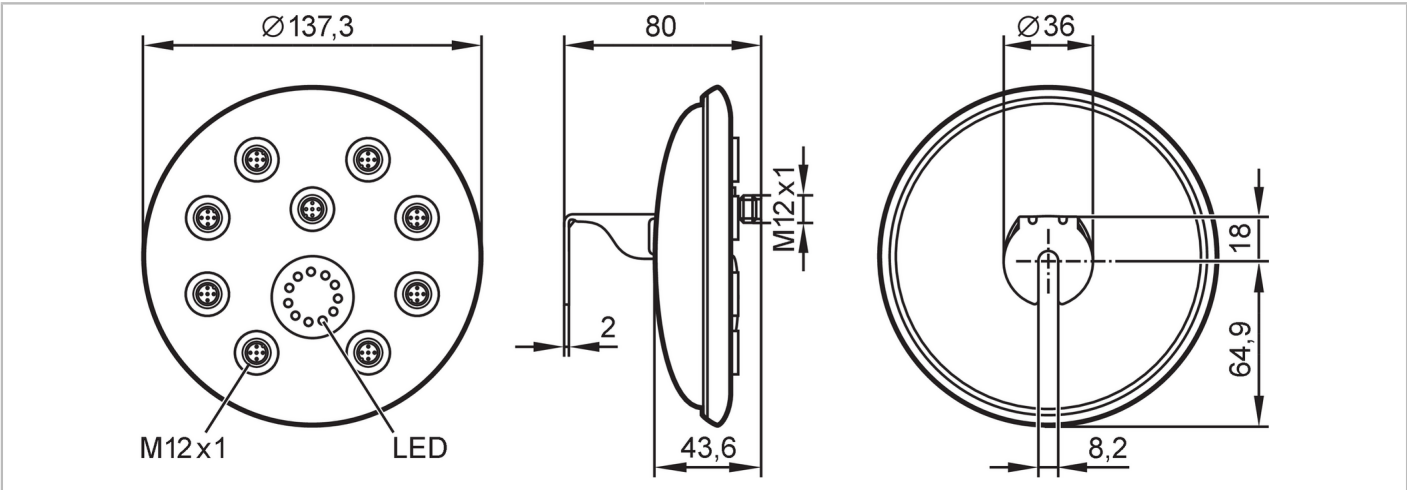


AC2910



AS-Interface ProcessLine module

ProcessLine 8DI IP69K



Application

Application

sanitary and wet areas in the food industry

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; (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
Max. relative air humidity	[%] 90; (linearly decreasing to 50 % (40 °C) non condensing)
Max. height above sea level	[m] 2000
Protection	IP 68; IP 69K
Pollution degree	2

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 master profile	M2; M3; M4				
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				
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]	644			
Housing	tubular				
Type of mounting	Mounting base				
Dimensions	[mm]	Ø 137.3 / L = 80			
Material	threaded bush: stainless steel (1.4404 / 316L); LED-Fenster: PC; O-ring: EPDM; Protective cap: PP				
Displays / operating elements					
Display	Power	LED, green			
	errors	LED, red			
	Function	LED, yellow			
Electrical connection					
Module connection	M12				
Accessories					
Items 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				
	The round cable connected to AS-i should not be longer than 2m.				
Pack quantity	1 pcs.				

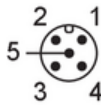


AS-Interface ProcessLine module

ProcessLine 8DI IP69K

Electrical connection - AS-i

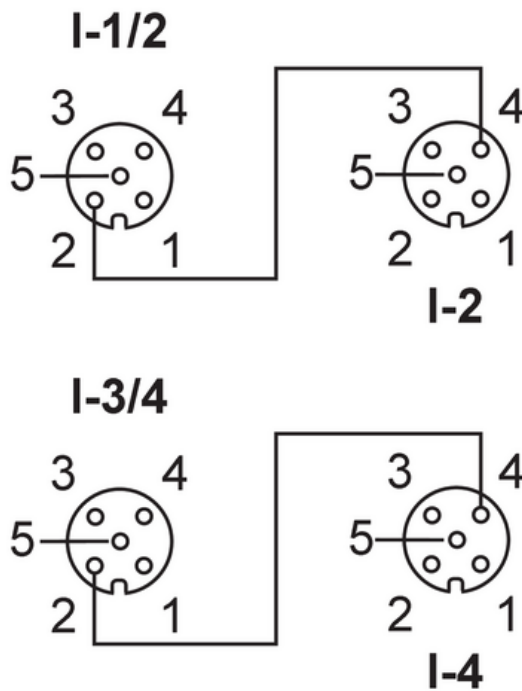
Connector: M12; coding: A; Contacts: 5; Tightening torque: 1.2...1.4 Nm



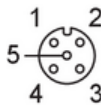
1	AS-i+
2	n.c.
3	AS-i -
4	n.c.
5	functional earth FE

Electrical connection - Inputs

Connection



Connector: M12; coding: A; Contacts: 5; Tightening torque: 1.2...1.4 Nm



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