

Product characteristics

Active ProcessLine module

Sockets M12 x 1

Version 2.1 with extended addressing mode

Protection rating IP 69K

high-grade stainless steel

Digital inputs

Electrical data

Electrical design

8 digital inputs (2 slaves)

Operating voltage [V]

26.5...31.6 DC

Total current consumption from AS-i [mA]

< 500

Inputs digital

Circuit

DC PNP

Sensor supply

AS-i

Voltage range [V]

18...30 DC

Max. current load for all inputs total [mA]

400

Input current High/Low [mA]

6...10 / 0...2

Switching level High signal 1 [V]

> 11

Short-circuit proof

yes

Outputs digital

Output function

transistor PNP

Environment

Ambient temperature [°C]

-5...70

Protection

IP 69K

Tests / approvals

EMC

EN 50295

MTTF [Years]

212

AS-i classification

AS-i version

2.1

Extended addressing mode possible

yes

AS-i profile

S-0.A.E

I/O configuration [hex]

0

ID code [Hex]

A.E

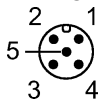




AS-i certificate

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

**AC2910 - Active ProcessLine module - eclass: 27259090 / 27-25-90-90**

Mechanical data		
Housing materials		high-grade stainless steel; Makrolon; O-ring: EPDM
Weight [kg]		0.639
Displays / operating elements		
Power LED		green
Error LED		red
Function display LED		yellow
Electrical connection		
Connection		via stainless steel splitter E70377
<b>Wiring</b>		
		1: AS-i+ 2: n.c. 3: AS-i - 4: n.c. 5: functional earth
		1: Sensor supply L+ 3: Sensor supply L- 5: functional earth
		
Accessories		
Accessories (included)		M12 protective cap (E70297)
Accessories (optional)		torque wrench (E70390); FC splitter (E70454)
Remarks		
Remarks		Inputs and outputs must be electrically isolated. Do not connect any of the points I-, I+, I-1/2, I-2, I-3/4, I-4 to an external potential since they are electrically connected to 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 [piece]		1