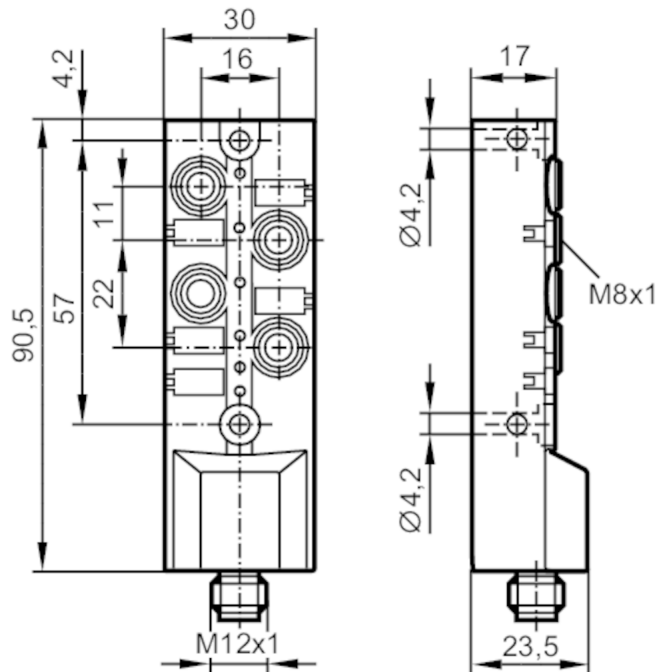




AS-Interface CompactLine module

CompactM8 4DI



Application

Application

field installation

Electrical data

Operating voltage

[V]

26.5...31.6 DC

Max. current consumption
from AS-i

[mA]

230

Inputs / outputs

Number of inputs and outputs

Number of digital inputs: 4

Inputs

Number of digital inputs

4

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]

180

Switching level high

[V]

> 11

Digital inputs protected
against short circuits

yes

Operating conditions

Ambient temperature

[°C]

-25...60

Storage temperature

[°C]

-25...60

Max. relative air humidity

[%]

90; (non condensing)

Max. height above sea level

[m]

2000



AS-Interface CompactLine module

CompactM8 4DI

Protection		IP 65; IP 67; IP 68						
Tests / approvals								
EMC		EN 62026-2						
		EN 50581						
MTTF [years]		256						
UL approval		voltage supply			Class 2			
AS-i classification								
AS-i version		2.11; 3.0						
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		100801						
Data bits		Data bit	D0	D1	D2	D3		
		Input	I-1	I-2	I-3	I-4		
Parameter bits		Parameter bit	Description					
		P0	not used					
		P1	peripheral fault indication	: 1	activated	/ 0	disabled	
		P2	not used					
		P3	not used					
Mechanical data								
Weight [g]		110.5						
Housing		rectangular						
Type of mounting		Backplane mounting						
Dimensions [mm]		90.5 x 30 x 23.5						
Material		PBT						
Displays / operating elements								
Display		Switching status			LED, yellow I1...I4			
		Power			LED, green AS-i			
		errors			LED, red			
Electrical connection								
Module connection		M12						
Accessories								
Items supplied		label tag						
		Protective caps: 2						
Accessories (optional)		Protective cap: M8, E73005						
		Flat cable insulation displacement connector: 1 m, round cable, E70583						
		Flat cable insulation displacement connector: M12, E70096						
		DIN rail adapter:, E73006						



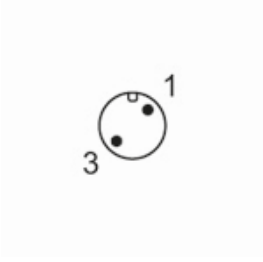
AS-Interface CompactLine module

CompactM8 4DI

Remarks	
Remarks	Do not connect any of the following points to an external potential: I-, I+, I1, I2, I3, I4 The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.

Electrical connection - AS-i

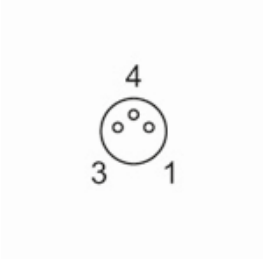
Connector: 1 x M12; coding: A



1	AS-i +
3	AS-i -

Electrical connection - Inputs

Connector: 4 x M8; coding: A



	Inputs
1	Sensor supply L+
3	Sensor supply L-
4	Data input