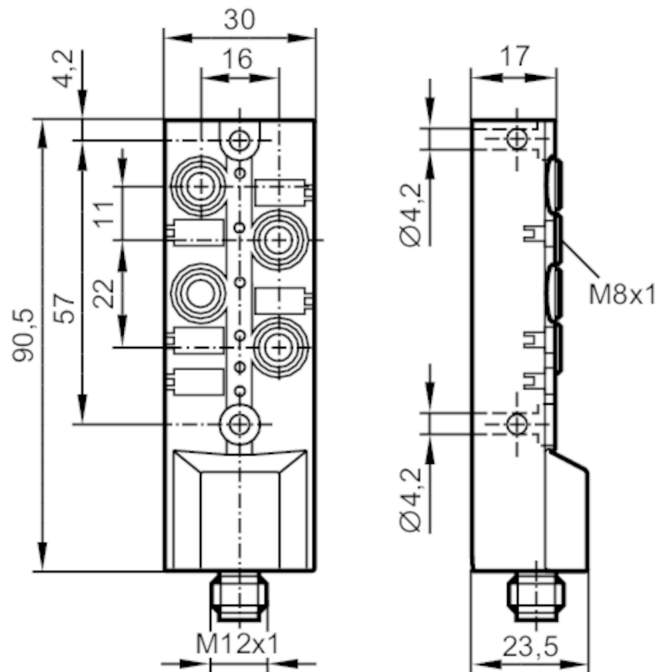




AS-Interface CompactLine module

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						
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						
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.						



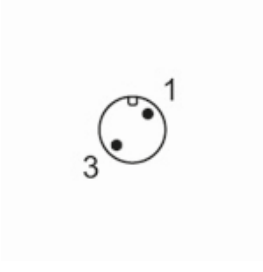
AS-Interface CompactLine module

CompactM8 4DI

Pack quantity	1 pcs.
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Electrical connection - AS-i

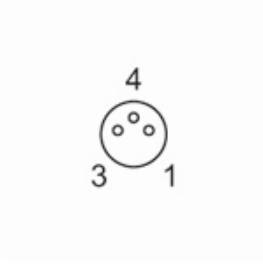
Connector: 1 x M12; coding: A



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