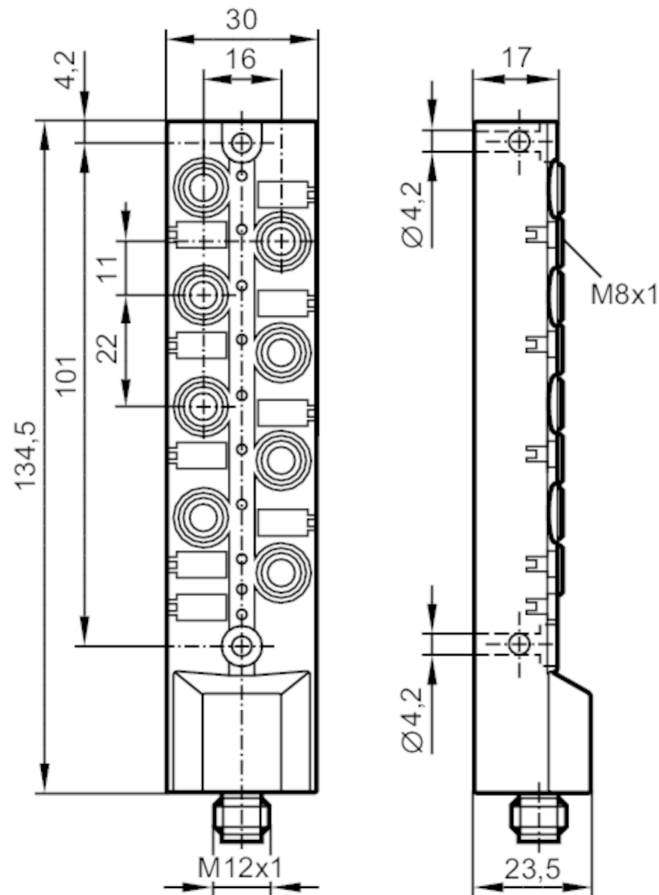




AS-Interface CompactLine module

CompactM8 2 x 4 DI A/B



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: 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
Power 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



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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				
Protection		IP 65; IP 67; IP 68				
Tests / approvals						
EMC		EN 62026-2				
		EN 50581				
MTTF	[years]	114				
UL approval		power supply			Class 2	
AS-i classification						
AS-i version		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		133901				
Assignment of the data bits		data bit	D0	D1	D2	D3
		input	1	2	3	4
		socket	I-1	I-2	I-3	I-4
		pin	4	4	4	4
Assignment of the parameter bits		parameter bit	Designation			
		P0	not used			
		P1	peripheral fault indication	: 1	activated / 0	deactivated
		P2	not used			
		P3	not used			
Mechanical data						
Weight	[g]	152				
Housing		rectangular				
Type of mounting		backplane mounting				
Dimensions	[mm]	134.5 x 30 x 23.5				
Materials		PBT				
Displays / operating elements						
Display		switching status			LED, yellow I1...I8	
		operation			LED, green AS-i	
		errors			LED, red	
Electrical connection						
Module connection		M12				
Accessories						
Items supplied		Label tags				
		Protective caps: 2				

AC2489



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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:, E73007

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.
	default setting of the ID1 codes: slave 1=1 / slave 2=2
Pack quantity	1 pcs.

Electrical connection - AS-i

Connector: M12; coding: A



1	AS-i +
3	AS-i -

Electrical connection - Inputs

Connector: M8; coding: A



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