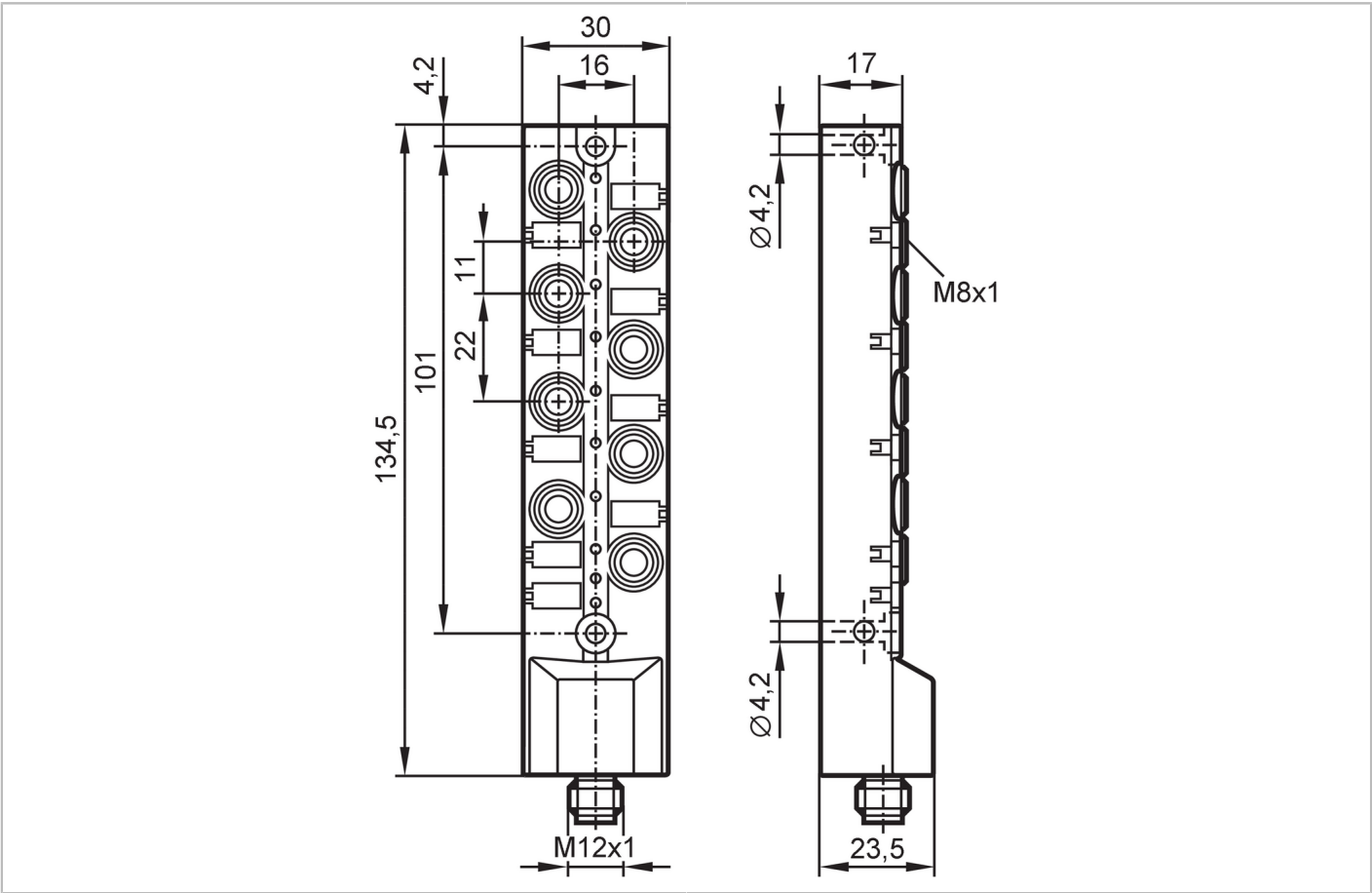




AS-Interface CompactLine module

CompactM8 8DI



Application	
Design	Only for operation with AS-i masters with the profile M4
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
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



AS-Interface CompactLine module

CompactM8 8DI

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]	150					
UL approval		voltage supply			Class 2		
AS-i classification							
AS-i version		3.0					
Extended addressing mode		yes					
AS-i master profile		M4					
AS-i profile		S-7.A.A					
AS-i I/O configuration	[hex]	7					
AS-i ID code	[hex]	A.A					
AS-i certificate		100701					
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]	150.5					
Housing		rectangular					
Type of mounting		Backplane mounting					
Dimensions	[mm]	134.5 x 30 x 23.5					
Material		housing: PBT					
Displays / operating elements							
Display		Switching status			LED, yellow I1...I8		
		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: E73007					



AS-Interface CompactLine module

CompactM8 8DI

Remarks	
Remarks	Do not connect any of the following points to an external potential: I-, I+, I1, I2, I3, I4, I5, I6, I7, I8 The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.

Electrical connection - AS-i

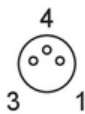
Connector: 1 x M12; coding: A; Contacts: 2



1	AS-i +
3	AS-i -

Electrical connection - Inputs

Connector: 8 x M8; coding: A; Contacts: 3



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