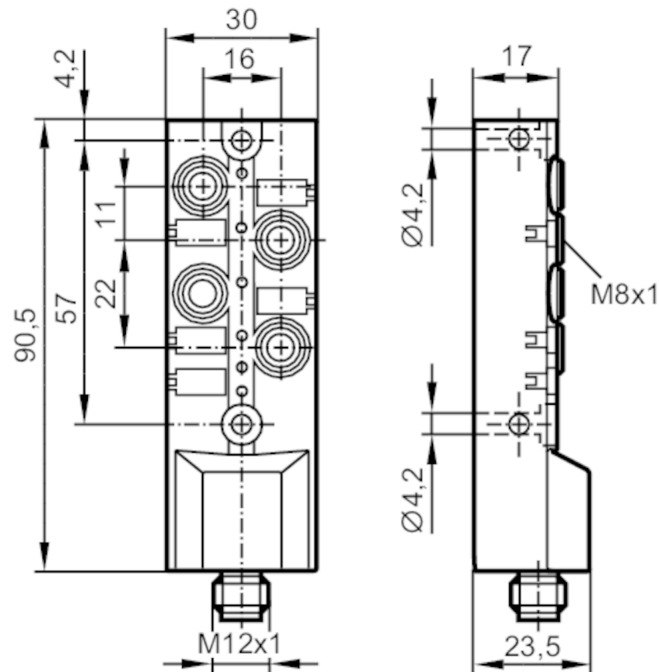




AS-Interface CompactLine module

CompactM8 4DI



Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	230

Inputs

Number of digital inputs		4
Input circuit of digital inputs		PNP
voltage supply	[V]	18...30
Max. total current rating of inputs	[mA]	180
Min. switching level high signal	[V]	11
Digital inputs protected against short circuits		yes
Sensor supply of the inputs		AS-i

Operating conditions

Ambient temperature	[°C]	-25...60
Protection	IP 65; IP 67; IP 68; ("enclosure type 1" according to cULus)	

Tests / approvals

EMC	EN 50295
-----	----------



AS-Interface CompactLine module

CompactM8 4DI

AS-i classification								
AS-i version		2.11 + 3.0						
Extended addressing mode possible		yes						
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						
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]		110						
Type of mounting		backplane mounting						
Materials		PBT						
Displays / operating elements								
Display		switching status			LED, yellow			
		operation			LED, green			
		errors			LED, red			
Accessories								
Accessories (supplied)		panel for labelling						
		Protective caps: 2						
Accessories (optional)		Protective cap: M8, E73005						
		Flat cable insulation displacement connector, with 0.6 m round cable, E70483						
		Flat cable insulation displacement connector: M12, E70096						
		DIN rail adapter, E73006						
Remarks								
Pack quantity		1 pcs.						
Electrical connection - AS-i								
1	AS-i +							
3	AS-i -							
Connector: 1 x M12								
								



AS-Interface CompactLine module

CompactM8 4DI

Electrical connection - Inputs

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

Connector: 4 x M8

