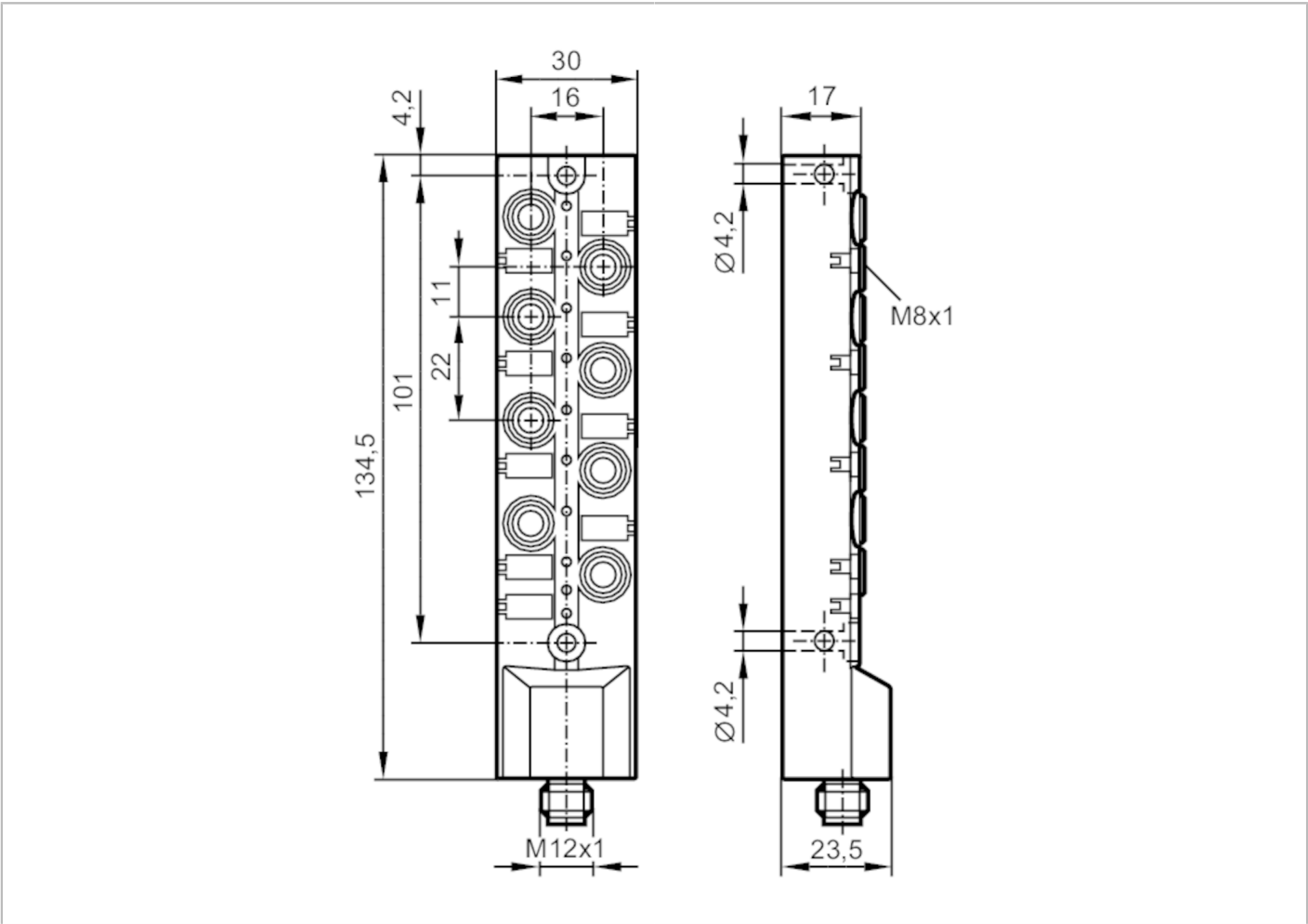




AS-Interface CompactLine module

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
Подача напруги [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 2 x 4 DI A/B

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	[ANN]	114			
UL approval		подача напруги		Class 2	
AS-i classification					
AS-i version		3.0			
Розширений режим адресації		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			
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			
Аксессуары					
Items supplied		Label tags			
		захисні заглушки: 2			

AC2489



AS-Interface CompactLine module

CompactM8 2 x 4 DI A/B

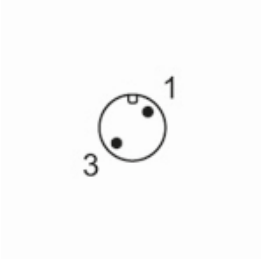
Accessories (optional)	Protective cap: M8, E73005
	Flat cable insulation displacement connector: 1 m, round cable, E70583
	Flat cable insulation displacement connector: M12, E70096
	DIN rail adapter:, E73007

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

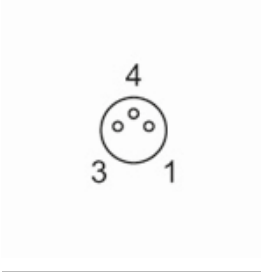
Connector: M12; coding: A



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