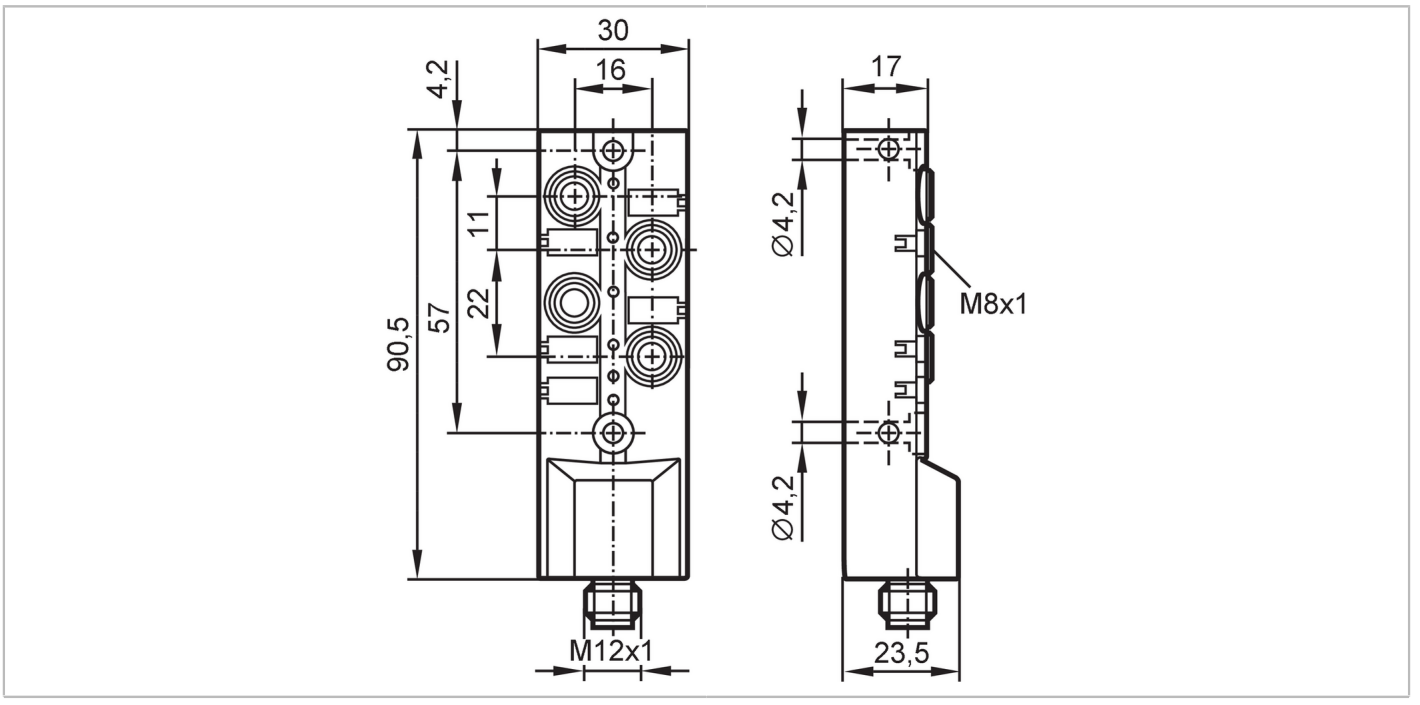
AC2482

AS-Interface CompactLine module

CompactM8 2DI 2DO



Application		
Application		field installation
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	230
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 2; Number of digital outputs: 2
Inputs		
Number of digital inputs		2
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; (current load for all inputs and outputs: 180 mA)
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes
Outputs		
Number of digital outputs		2
Voltage range DC	[V]	18...30
Max. current load per output	[mA]	180; (current load for all inputs and outputs: 180 mA)
Short-circuit proof		yes
Electrically separated		no

AC2482

AS-Interface CompactLine module

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Actuator supply outputs		AS-i					
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]	261					
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-B.A.E					
AS-i I/O configuration	[hex]	B					
AS-i ID code	[hex]	A.E					
AS-i certificate		100901					
Assignment of the data bits		data bit	D0	D1	D2	D3	
		input	-	-	3	4	
		socket	-	-	I-3	I-4	
		pin	-	-	4	4	
		Output	1	2	-	-	
		socket	O-1	O-2	-	-	
		pin	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]	111					
Housing		rectangular					
Type of mounting		backplane mounting					
Dimensions	[mm]	90.5 x 30 x 23.5					
Materials		housing: PBT					
Displays / operating elements							
Display		switching status	LED, yellow I1...I2, O1...O2				
		operation	LED, green AS-i				
		errors	LED, red				

AC2482

AS-Interface CompactLine module

CompactM8 2DI 2DO

Electrical connection	
Module connection	M12

Accessories	
Items supplied	Label tags
	Protective caps: 2
Accessories (optional)	Protective cap: M8, E73005
	Flat cable insulation displacement connector: 1 m, round cable, E70582
	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
	The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.

Electrical connection

Electrical connection - AS-i

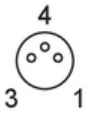
Connector: 1 x M12; coding: A; Contacts: 2



1	AS-i +
3	AS-i -

Electrical connection - Inputs

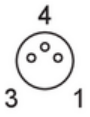
Connector: 2 x M8; coding: A; Contacts: 3



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

Electrical connection - Outputs

Connector: 2 x M8; coding: A; Contacts: 2



	Outputs
1	not used
3	internal voltage E-
4	switching output +