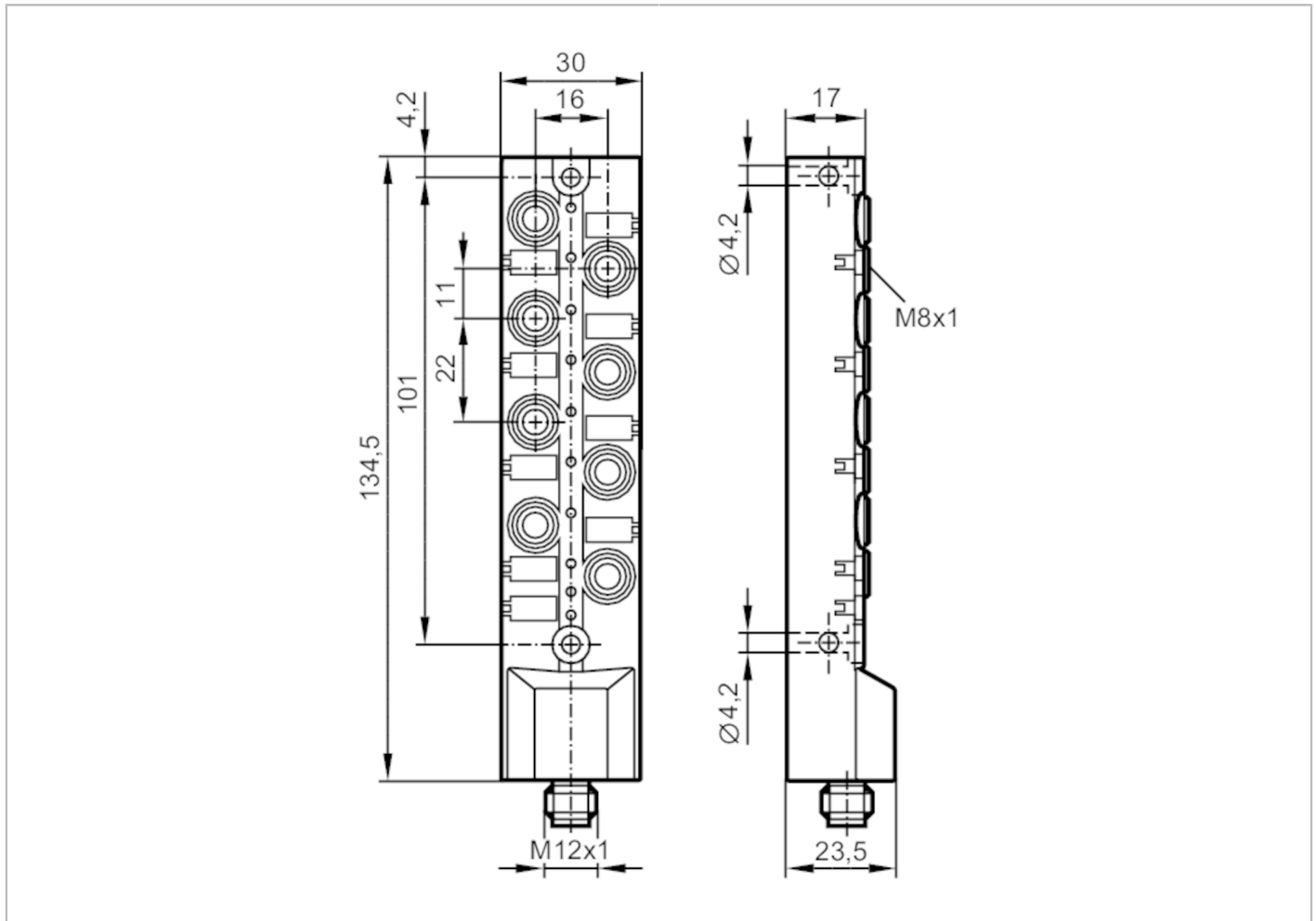


# AC2490



## AS-Interface CompactLine module

CompactM8 4 DI 4 DO



Application	
Application	only for operation with AS-i masters with the profile M4
Electrical data	
Operating voltage [V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i [mA]	250
Operating voltage AUX DC [V]	20...30
Max. current load total [A]	1; (< 40 °C: 2 A)
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4

# AC2490



## AS-Interface CompactLine module

CompactM8 4 DI 4 DO

Inputs	
Number of digital inputs	4
Input circuit of digital inputs	PNP
Sensor supply of the inputs	AS-i
Voltage supply [V]	18...30
Max. total current rating of inputs [mA]	180
Input current High [mA]	6...10
Input current Low [mA]	0...2
Min. switching level high signal [V]	11
Digital inputs protected against short circuits	yes
Outputs	
Number of digital outputs	4
Circuit	PNP
Voltage range DC [V]	15...30; (SELV)
Max. current load per output [mA]	500; (< 40 °C: 1000 mA)
Short-circuit proof	yes
Electrically separated	yes
Actuator supply switching outputs	AUX
Operating conditions	
Ambient temperature [°C]	-25...60
Protection	IP 65; IP 67; IP 68; ("enclosure type 1" according to cULus)
Tests / approvals	
EMC	EN 62026-2

# AC2490



## AS-Interface CompactLine module

CompactM8 4 DI 4 DO

AS-i classification						
AS-i version	3.0					
Extended addressing mode possible	yes					
AS-i profile	S-7.A.7					
AS-i I/O configuration [hex]	7					
AS-i ID code [hex]	A.7					
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	
	Output	1	2	3	4	
	socket	O-1	O-2	O-3	O-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]	150					
Type of mounting	backplane mounting					
Materials	PBT					
Displays / operating elements						
Display	switching status			LED, yellow		
	operation			LED, green		
	errors			LED, red		
Accessories						
Accessories (supplied)	Label tags					
	Protective caps: 2					
Accessories (optional)	Protective cap: M8, E73005					
	Flat cable insulation displacement connector 1 m, round cable, E70582					
						DIN rail adapter, E73007
Remarks						
Pack quantity	1 pcs.					
Electrical connection - AS-i						
1	AS-i +					
2	AUX -					
3	AS-i -					
4	AUX +					
Connector: 1 x M12						

# AC2490



## AS-Interface CompactLine module

CompactM8 4 DI 4 DO

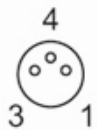


### Electrical connection - Inputs

#### Inputs

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

Connector: 4 x M8



### Electrical connection - Outputs

#### Outputs

- |   |                        |
|---|------------------------|
| 1 | not used               |
| 3 | external voltage AUX - |
| 4 | switching output       |

Connector: 4 x M8

