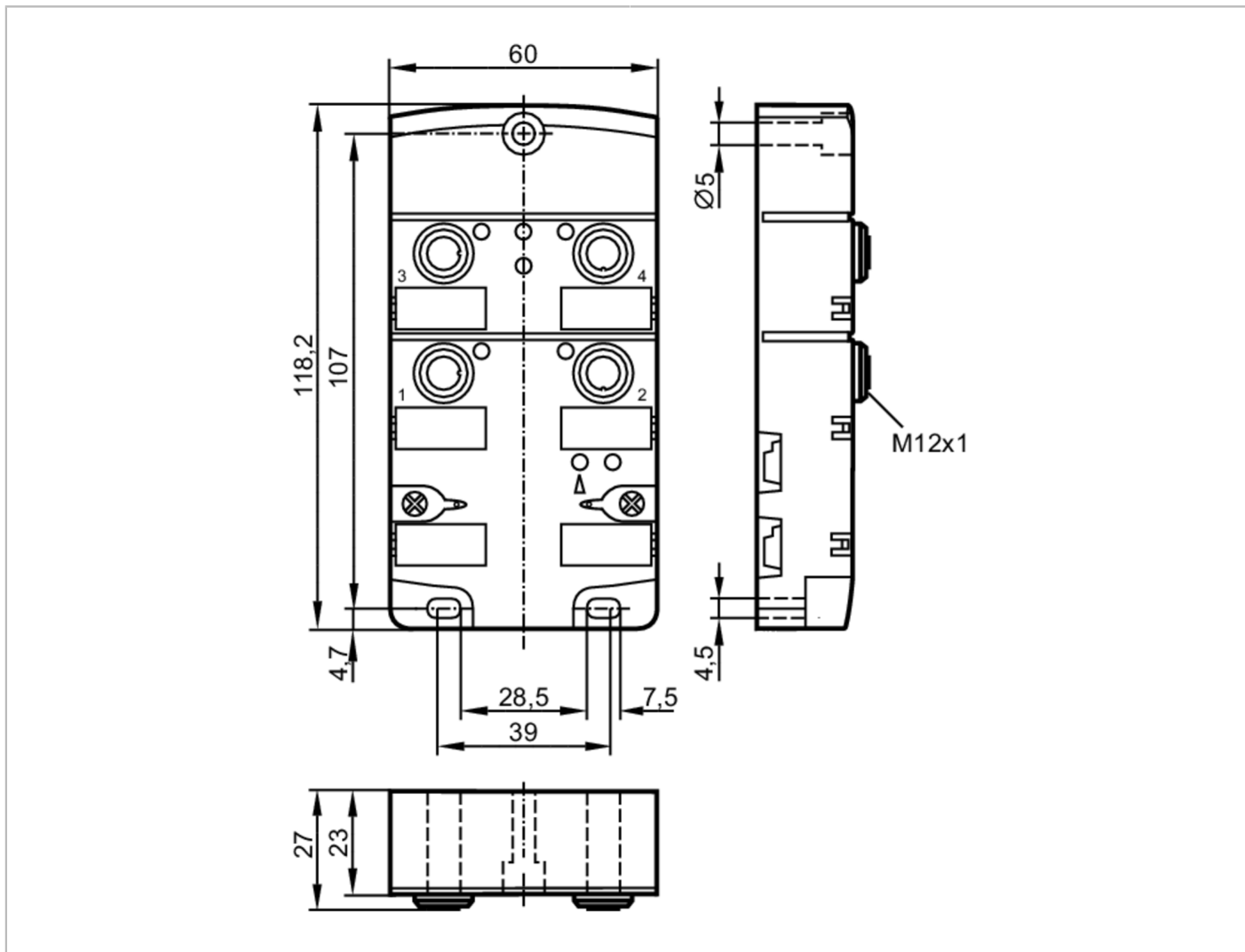


AC2485



AS-Interface CompactLine module

CompactM12 2 DO 2 DI T V4A A/B



Application	
Application	field installation
Electrical data	
Operating voltage [V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i [mA]	220
Max. current load total [A]	4
Additional voltage supply [V]	10...30 DC; (AUX)
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 2; Number of digital outputs: 2



AS-Interface CompactLine module

CompactM12 2 DO 2 DI T V4A A/B

Inputs					
Number of digital inputs				2	
Input circuit of digital inputs				PNP	
Sensor supply of the inputs				AS-i	
Voltage supply [V]				20...30	
Max. total current rating of inputs [mA]				180	
Input current limitation [mA]				15	
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				2	
Circuit				PNP	
Voltage range DC [V]				10...30; (AUX)	
Max. current load per output [mA]				2000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))	
Short-circuit proof				yes	
Electrically separated				yes	
Actuator supply outputs				AUX	
Operating conditions					
Ambient temperature [°C]				-25...80	
Protection				IP 67; (when flat cables are used E7400x / E7401x)	
Tests / approvals					
EMC			EN 61000-6-2		
			EN 61000-6-3		
			EN 62026-2		
MTTF [years]				251	
AS-i classification					
AS-i version				2.11; 3.0	
AS-i addressing				IR addressing possible	
Extended addressing mode				yes	
AS-i profile				S-B.A.E	
AS-i I/O configuration [hex]				B	
AS-i ID code [hex]				A.E	
AS-i certificate				128501	
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	-	-	3	4
	socket	-	-	I-3	I-4
	pin	-	-	2+4	2+4
	Output	1	2	-	-
	socket	O-1	O-2	-	-
	pin	4	4	-	-



AS-Interface CompactLine module

CompactM12 2 DO 2 DI T V4A A/B

Mechanical data	
Weight [g]	288.5
Type of mounting	AS-i flat cables directly connectable
Dimensions [mm]	118.2 x 60 x 27
Materials	PA; socket: stainless steel (1.4404 / 316L); threaded inserts in the lower part: stainless steel (1.4404 / 316L); O-ring: EPDM; screws: stainless steel (1.4578 / 316Cu); piercing contacts: CuSn6 nickel-plated and tin-plated

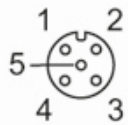
Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow

Accessories	
Accessories (optional)	Stainless steel sleeve, for installation in case of high mechanical stress , E70402

Remarks	
Remarks	Inputs and outputs must be electrically isolated.
Pack quantity	1 pcs.

Electrical connection - Inputs

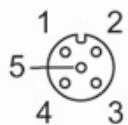
Connector: M12



Inputs	
1	Sensor supply L+
2+4	data input 1 internally bridged
3	Sensor supply L-
5	functional earth

Electrical connection - Outputs

Connector: M12



AC2485



AS-Interface CompactLine module

CompactM12 2 DO 2 DI T V4A A/B

	Outputs
3	external voltage AUX -
4	switching output
5	functional earth (FE)
1, 2	not used