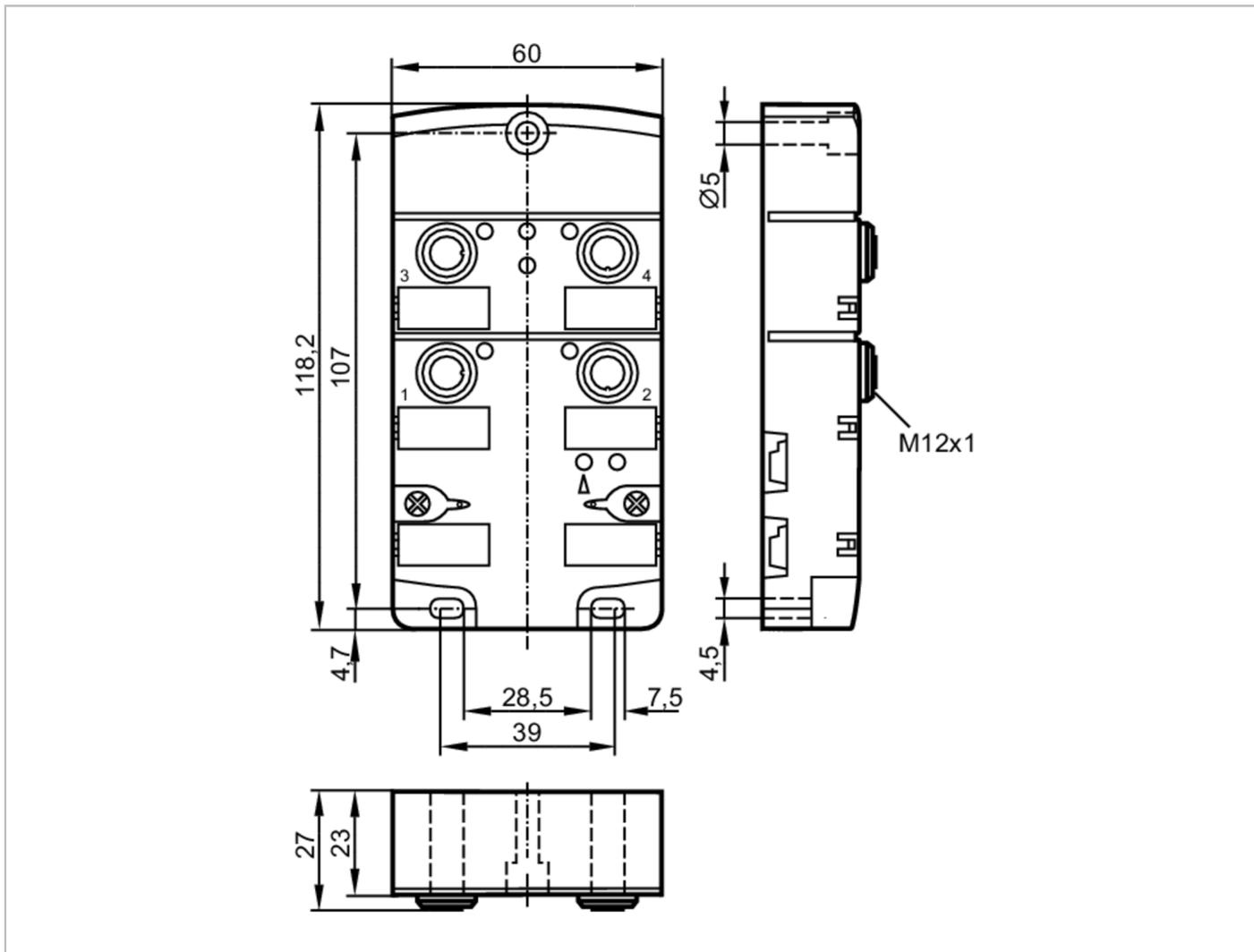# AC2487

AS-Interface CompactLine module

CompactM12 4 DO T V4A A/B

Application	
Design	only for operation with AS-i masters with the profile M4
Application	field installation
Electrical data	
Operating voltage [V]	26.5...31.6 DC
Max. current consumption [mA] from AS-i	75
Max. current load total [A]	4
Additional voltage supply [V]	15...30 DC; (AUX)
Max. current consumption [mA] from additional supply	4000; (AUX)
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital outputs: 4
Outputs	
Number of digital outputs	4

AC2487

AS-Interface CompactLine module

CompactM12 4 DO T V4A A/B

Circuit		PNP
Voltage range DC	[V]	15...30; (AUX)
Max. current load per output	[mA]	2000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))
Max. current load outputs total	[A]	4
Short-circuit proof		yes
Electrically separated		yes
Actuator supply outputs		AUX

Operating conditions

Ambient temperature	[°C]	-25...80
Storage temperature	[°C]	-25...80
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection		IP 67; (when flat cables are used E7400x / E7401x)

Tests / approvals

EMC	EN 61000-6-2	
	EN 62026-2	
	EN 50581	
MTTF	[years]	300
UL approval	power supply	Class 2

AS-i classification

AS-i version		3.0			
AS-i addressing		IR addressing possible			
Extended addressing mode		yes			
AS-i master profile		M4			
AS-i profile		S-7.A.7			
AS-i I/O configuration	[hex]	7			
AS-i ID code	[hex]	A.7			
AS-i certificate		128401			
Assignment of the data bits		data bit	D0	D1	D2	D3
		Output	1	2	3	4
		socket	O-1	O-2	O-3	O-4
		pin	4	4	4	4

Mechanical data

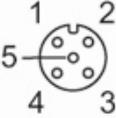| Weight	[g]	282
Housing		rectangular
Type of mounting		AS-i flat cables directly connectable
Dimensions	[mm]	118.2 x 60 x 27
Materials		PA; socket: stainless steel (316L/1.4404); threaded inserts in the lower part: stainless steel (316L/1.4404); O-ring: EPDM; screws: stainless steel (316Cu/1.4578); piercing contacts: CuSn6 nickel-plated and tin-plated

Displays / operating elements

Display	switching status	LED, yellow O1...O4
	operation	LED, green AS-i, AUX
	errors	LED, red

AC2487

AS-Interface CompactLine module

CompactM12 4 DO T V4A A/B

Electrical connection	
Module connection	Flat cables

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

Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: M12; coding: A

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