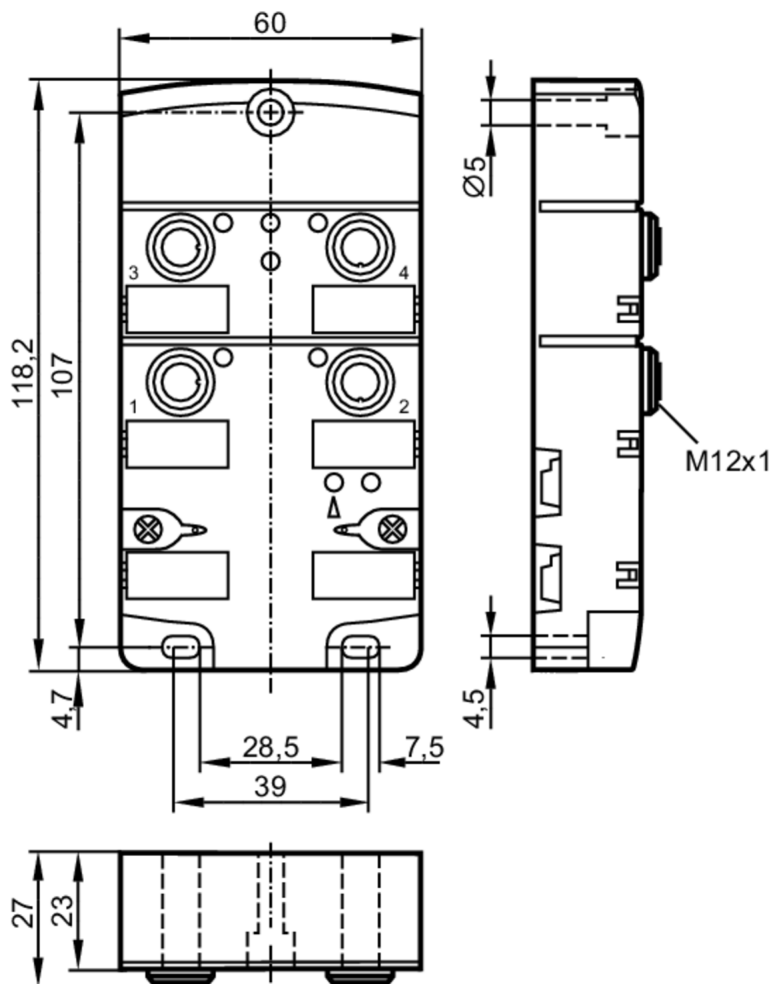


AS-Interface CompactLine module

CompactModule 4DO T M12



Application

Application

field installation

Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	75
Max. current load total	[A]	4
Additional voltage supply	[V]	15...30 DC; (AUX)
Max. current consumption from additional supply	[mA]	4000; (AUX)
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs

Number of digital outputs: 4



AS-Interface CompactLine module

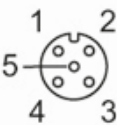
CompactModule 4DO T M12

Outputs					
Number of digital outputs	4				
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	voltage supply		Class 2		
AS-i classification					
AS-i version	2.11; 3.0				
AS-i addressing	IR addressing possible				
Extended addressing mode	no				
AS-i profile	S-8.0.F				
AS-i I/O configuration [hex]	8				
AS-i ID code [hex]	0.F				
AS-i certificate	92201				
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]	292.5				
Type of mounting	AS-i flat cables directly connectable				
Materials	PA; socket: brass nickel-plated; threaded inserts in the lower part: brass nickel-plated; O-ring: FKM; 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		
Electrical connection					
Module connection	Flachkabel				



AS-Interface CompactLine module

CompactModule 4DO T M12

Accessories	
Accessories (optional)	Stainless steel sleeve, for installation in case of high mechanical stress , E70402
Remarks	
Pack quantity	1 pcs.
Electrical connection	
Connector: M12	
	
Outputs	
3	external voltage AUX -
4	switching output
5	functional earth (FE)
1, 2	not used