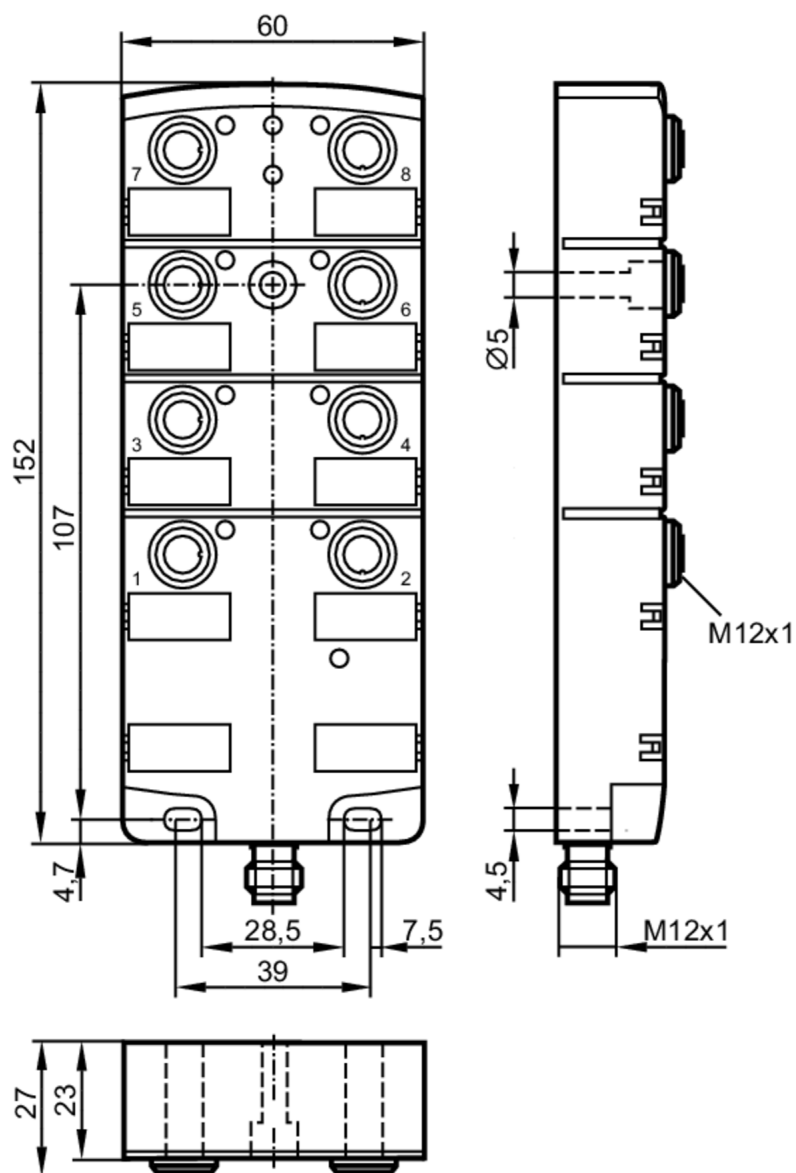




AS-Interface CompactLine module

CompactLineM12 4DI 4DO M12



Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	250
Max. current load total	[A]	4
Additional voltage supply	[V]	10...30 DC; (AUX)
Integrated watchdog		yes



AS-Interface CompactLine module

CompactLineM12 4DI 4DO M12

Inputs					
Number of digital inputs	4				
Input circuit of digital inputs	PNP				
voltage supply [V]	20...30				
Max. total current rating of inputs [mA]	200				
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				
Sensor supply of the inputs	AS-i				
Outputs					
Number of digital outputs	4				
Beschaltung	PNP				
Voltage range DC	10...30; (to PELV)				
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				
Operating conditions					
Ambient temperature [°C]	-25...80				
Protection	IP 67; ("enclosure type 1" according to cULus; when flat cables are used E7400x / E7401x)				
Tests / approvals					
EMC	EN 50081-1				
	EN 50295				
AS-i classification					
AS-i version	2.11 + 3.0				
Extended addressing mode possible	no				
AS-i profile	S-7.0.E				
AS-i I/O configuration [hex]	7				
AS-i ID code [hex]	0.E				
AS-i certificate	46001				
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	2+4	2+4	2+4	2+4
	Output	1	2	3	4
	socket	O-1	O-2	O-3	O-4
	pin	4	4	4	4
Mechanical data					
Weight [g]	379.6				
Materials	PA; socket: brass nickel-plated; O-ring: FKM				



AS-Interface CompactLine module

CompactLineM12 4DI 4DO M12

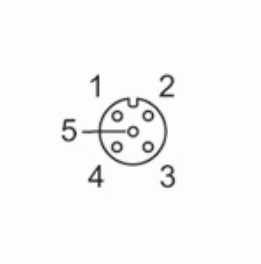
Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow

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.

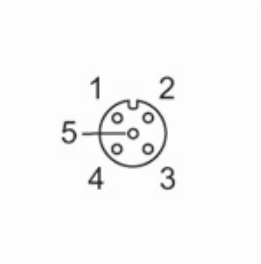
Electrical connection - Outputs	
	Outputs
3	external voltage AUX -
4	switching output
5	functional earth (FE)

Connector: M12



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

Connector: M12





AS-Interface CompactLine module

CompactLineM12 4DI 4DO M12

Electrical connection - AS-i

1	AS-i +
2	AUX -
3	AS-i -
4	AUX +

Connector: M12

