AC2054

AS-Interface CompactLine module

MoviswitchModule 2DI/2DO T M12

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Alternative articles: AC5224

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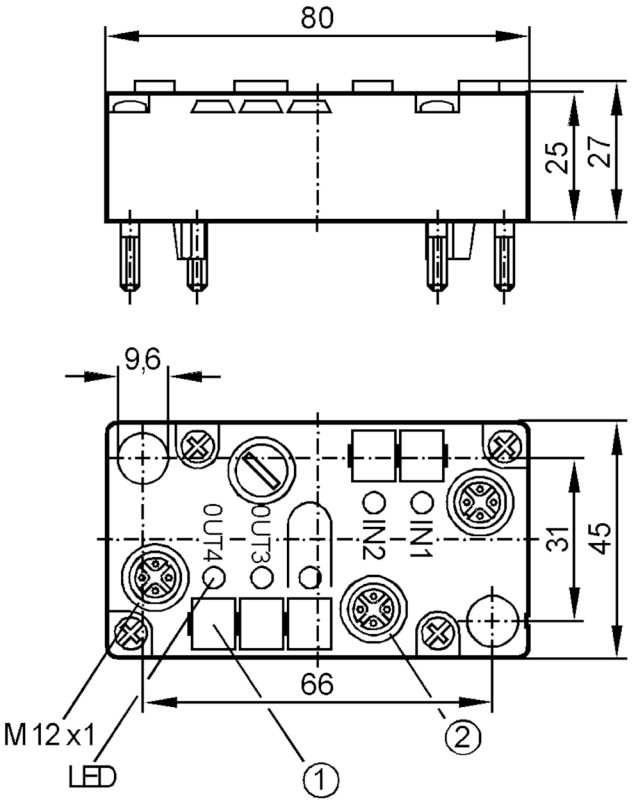

1 panel for labelling
2 MOVISWITCH-Port I2/O3

Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	135
Max. current load total	[A]	0.09
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 2; Number of digital outputs: 2
Inputs		
Number of digital inputs		2
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Power supply	[V]	20...30
Max. total current rating of inputs	[mA]	90
Input current High	[mA]	> 5

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Input current Low	[mA]	< 1.5				
Switching level high	[V]	> 10				
Digital inputs protected against short circuits		yes				
Outputs						
Electrical design		AS-i				
Number of digital outputs		2				
Max. current load per output	[mA]	90				
Short-circuit proof		yes				
Electrically separated		no				
Operating conditions						
Ambient temperature	[°C]	-25...85				
Protection		IP 67				
Tests / approvals						
EMC		EN 50295				
AS-i classification						
AS-i profile		S-3.F				
AS-i I/O configuration	[hex]	3				
AS-i ID code	[hex]	F				
AS-i certificate		04201				
Assignment of the data bits		data bit	D0	D1	D2	D3
		socket	IN1	IN2	IN2	OUT4
		pin	2+4	4	2	4
Mechanical data						
Type of mounting		AS-i interface to FC and SC lower parts				
Materials		PBT				
Displays / operating elements						
Display		operation	LED, green			
		function	LED, yellow			
Remarks						
Remarks		The module upper part with MOVISWITCH port is used as an interface to SEW motor drives.				
		The port on socket S2 includes a combined output and input to turn the motor on and off.				
		Feedback in the case of overload.				
		An additional input on socket 1 and an output on socket 4 can also be used.				
Pack quantity		1 pcs.				

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Electrical connection

contact pins to module lower part, FK / PG:

Connector: M12; coding: A

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1	current supply L+
2	switching output 3 release
3	current supply L- IN2 (IN2 / OUT 3)
4	data input 2 ready
	Inputs
1	Sensor supply L+
2+4	data input internally bridged
3	Sensor supply L-