

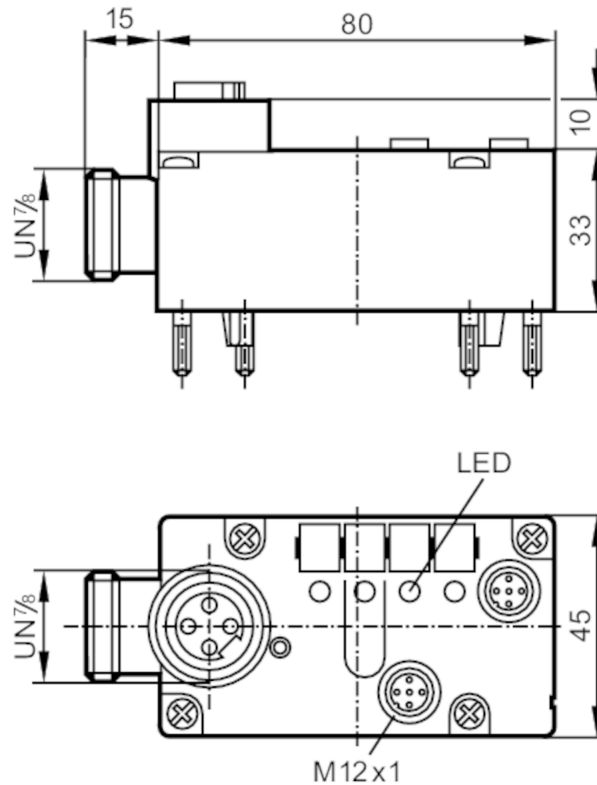
AC2036

AS-Interface module

PowerBox/2DI/1DO/R/UN7/8



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Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	140
Max. current load total	[A]	6
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 2; Number of relay outputs: 1
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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] 100
Input current High	[mA] > 5
Input current Low	[mA] < 1.5
Min. switching level high signal	[V] 10
Digital inputs protected against short circuits	yes



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Outputs	
Electrical design	AS-i
Voltage range DC [V]	24
Voltage range AC [V]	24...240
Number of relay outputs	1
Short-circuit proof	no
Electrically separated	yes

Operating conditions	
Ambient temperature [°C]	-20...70
Protection	IP 67

Tests / approvals	
EMC	EN 50295
	EN 50178

AS-i classification					
AS-i profile	S-3.F				
AS-i I/O configuration [hex]	3				
AS-i ID code [hex]	F				
Assignment of the data bits	data bit	D0	D1	D2	D3
	socket	I-1	I-2	O-3	-
	pin	2+4	2+4	1/4	-

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

Electrical connection
 contact pins to module lower part, FK / PG:

Connection	
1	PWR voltage + (L1)
2	grounding (PE)
3	PWR voltage - (N)
Inputs	
1	Sensor supply L+
2+4	data input internally bridged
3	Sensor supply L-

Connector: 7/8"
 Connector: M12
 Connector: 7/8"

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