

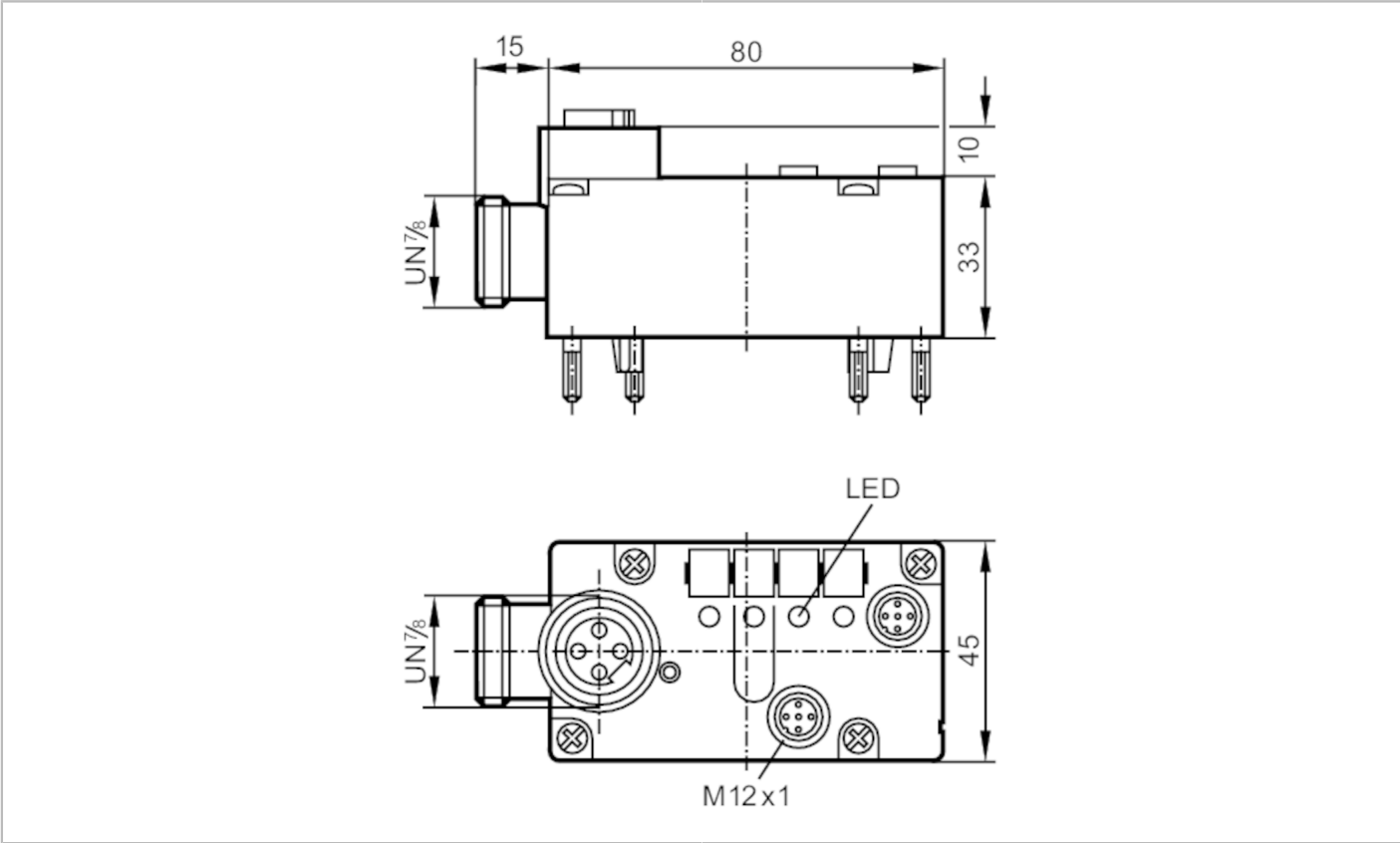
AC2036



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
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
Switching level high	[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			
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				
Material	PBT				
Displays / operating elements					
Display	Power		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					

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Connector: 7/8"; coding: A

Connector: M12; coding: A

Connector: 7/8"; coding: A



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