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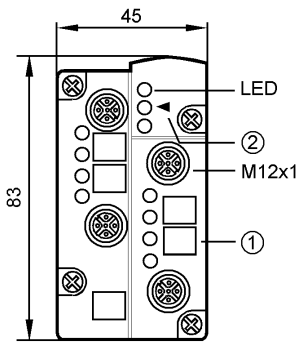
ecomat300

AC2501

ClassicLine45 4DI FKT M12

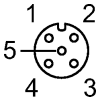
AS-Interface bus system



1: label
2: fixture infrared adapter

Product characteristics		
Active ClassicLine module		
AS-i interface to FC lower parts		
Sockets M12 x 1		
IR addressing possible		
Version 2.1		
Function check inputs (fc)		
Digital inputs		
Electrical data		
Electrical design		4 inputs
Operating voltage	[V]	26.5...31.6 DC
Total current consumption from AS-i	[mA]	< 250
Inputs digital		
Circuit		DC PNP
Sensor supply		AS-i
Voltage range	[V]	18...30 DC *)
Max. current load for all inputs total	[mA]	200
Input current High/Low	[mA]	6...10 / 0...2
Switching level High signal 1	[V]	>11
Short-circuit proof		yes
Environment		
Ambient temperature	[°C]	-25...50, current for sensor supply < 200 mA / -25...70 °C < 150 mA
Protection		IP 67
Tests / approvals		
EMC		EN 50295
MTTF	[Years]	296
AS-i classification		
AS-i version		2.1
Extended addressing mode possible		version 2.1 / no
AS-i profile		S-0.F.E
I/O configuration [hex]		0
ID code [Hex]		F.E

AC2501 - Active ClassicLine module - eclass: 27259090 / 27-25-90-90

AS-i certificate		in preparation
Parameter bits	**Parameter bit**	**Designation**
	P0	selection high active / low active pin 2 / socket I-1 / FKT 1
	P1	selection high active / low active pin 2 / socket I-2 / FKT 2
	P2	selection high active / low active pin 2 / socket I-3 / FKT 3
	P3	selection high active / low active pin 2 / socket I-4 / FKT 4
Mechanical data		
Housing materials		PBT (Pocan)
Weight	[kg]	0.108
Displays / operating elements		
Power	LED	green
Error	LED	red
Function display	LED	yellow
Electrical connection		
Connection		contact pins on FC or SC lower module
Wiring		
		Inputs 1: Sensor supply L+ 2: function check input 3: Sensor supply L- 4: Data input 5: not used
Accessories		
Accessories (optional)		Module lower part
Remarks		
Remarks		Do not connect any of the points I-, I+, I1...I4, FKT1...FKT4 to an external potential since they are electrically connected to the AS-i cable. In case of a fault the high or low activity (NO or NC principle) of the function check inputs can be set separately for each input via a parameter bit. In case of a fault the red LED of the corresponding input lights and in addition LED 2 (FAULT) flashes. *) via flat cable
Pack quantity	[piece]	1

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