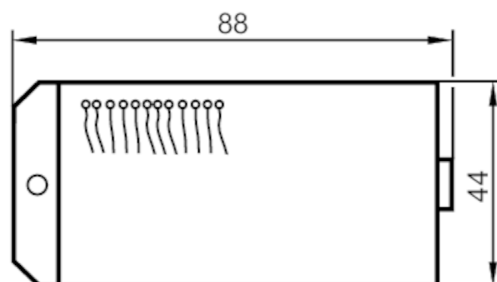




AS-Interface module for valve heads

Valvehead module 4DI 3DO T



Electrical data

Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 200
Max. current load total	[A]	0.18
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 3
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Inputs

Number of digital inputs	4
voltage supply [V]	20...30
Digital inputs protected against short circuits	yes
Sensor supply of the inputs	AS-i

Outputs

Number of digital outputs	3
Voltage range DC	AS-i
Max. current load per output [mA]	100; (note current load for all inputs and outputs)
Short-circuit proof	yes

Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 00

Tests / approvals

EMC	EN 50295
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AS-i classification						
AS-i version		2.1				
Extended addressing mode possible		yes				
AS-i profile		S-7.A.F				
AS-i I/O configuration [hex]		7				
AS-i ID code [hex]		A.F				
Assignment of the data bits		data bit	D0	D1	D2	D3
		input	I-1	I-2	I-3	I-4
		Output	O-1	O-2	O-3	-
Mechanical data						
Weight [g]		74.5				
Housing		potted plastic housing				
Dimensions [mm]		16 x 88 x 41				
Remarks						
Remarks		The AS-i module is a PCB solution for an AS-i slave, supply via AS-i. A watchdog function switches the outputs off if there is no communication on the AS-i line.				
Pack quantity		1 pcs.				
Electrical connection						
Cable: 0.1 m						
brown	AS-i +					
blue	AS-i -					
red	+					
black	0 V					
white	I-4					
yellow	O-3					
white	I-3					
yellow	O-2					
white	I-2					
yellow	O-1					
white	I-1					