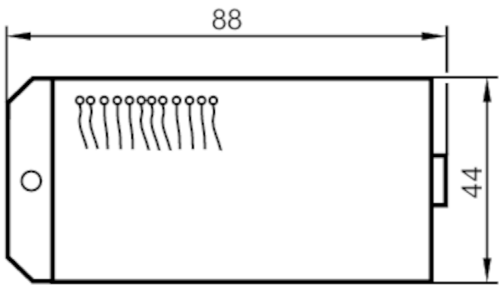




AS-Interface PCB module

Valvehead module 4DI 3DO T



Application		
Application	housing for panel mounting	
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 200
Max. current load total	[A]	0.18; (total current for all inputs and outputs supplied from AS-i: 180 mA)
Integrated watchdog	yes	
Inputs / outputs		
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 3	
Inputs		
Number of digital inputs	4	
Input circuit of digital inputs	PNP	
Sensor supply of the inputs	AS-i	
Подача напруги	[V]	20...30; (DC)
Digital inputs protected against short circuits	yes	
Outputs		
Electrical design	PNP	
Number of digital outputs	3	
Voltage range DC	[V]	18...30; (DC)
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 20	
Tests / approvals		
EMC	EN 50295	
AS-i classification		
AS-i version	2.1	
Розширений режим адресації	yes	
AS-i master profile	M2; M3; M4	



AS-Interface PCB module

Valvehead module 4DI 3DO T

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				