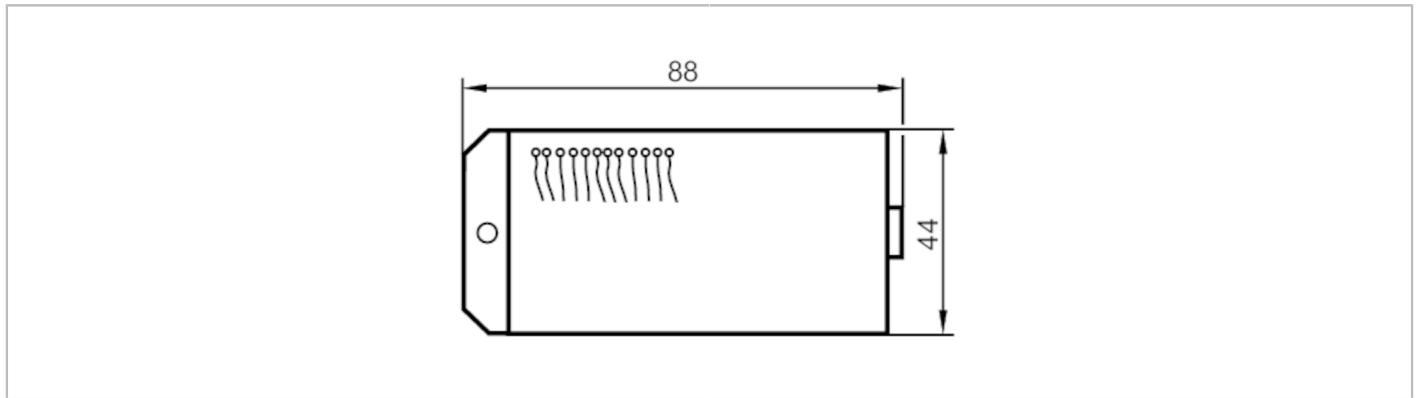


AC2728



AS-Interface PCB module

Valvehead module 4DI 3DO T



Application	
Application	For integration of mechanical switches into AS-i networks
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
Voltage supply [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
Extended addressing mode	yes
AS-i master profile	M2; M3; M4

AC2728



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				
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	rectangular
Dimensions [mm]	88 x 41 x 16
Material	housing: plastics potted

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