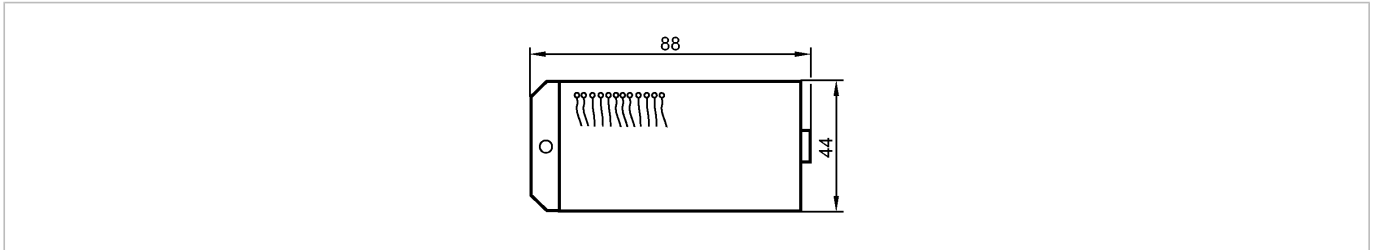




Valvehead module 4DI 3DO T

Bus system AS-Interface



Product characteristics

Active AS-i module

potted plastic housing

AS-i version 2.1 with extended addressing mode

Electrical data

Electrical design	4 inputs / 3 outputs
Operating voltage [V]	26.5...31.6 DC
Current consumption [mA]	< 200
Max. current load per module [mA]	180

Inputs

Digital

Sensor supply	AS-i
Voltage range [V]	20...30 DC
Short-circuit proof	yes

Outputs

External voltage supply	AS-i
Max. current load per output [mA]	100 *)
Integrated watchdog	yes
Short-circuit proof	yes

Environment

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

Tests / approvals

EMC	EN 50295
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AS-i classification

AS-i profile	S-7.A.F
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I/O configuration [hex]	7
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ID code [Hex]	A.F
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Data bits	Data bit	D0	D1	D2	D3
	Function	Input I1 - Output O1	Input I2 - Output O2	Input I3 - Output O3	Input I4

Mechanical data

Weight [kg]	0.08
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Electrical connection

Connection	Cable; 11 x 0.2 m
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Wiring

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

AC2730 - Active AS-i module - eclass: 27259090 / 27-25-90-90

yellow: 0-1

white: 1-1

Remarks

Remarks

The AS-i 4I / 3O module (AS-i version 2.1) 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 cable.

*) Observe the total max. current load for all inputs and outputs.

Pack quantity

[piece]

1

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— We reserve the right to make technical alterations without prior notice. — GB — AC2730 — 24.04.2007