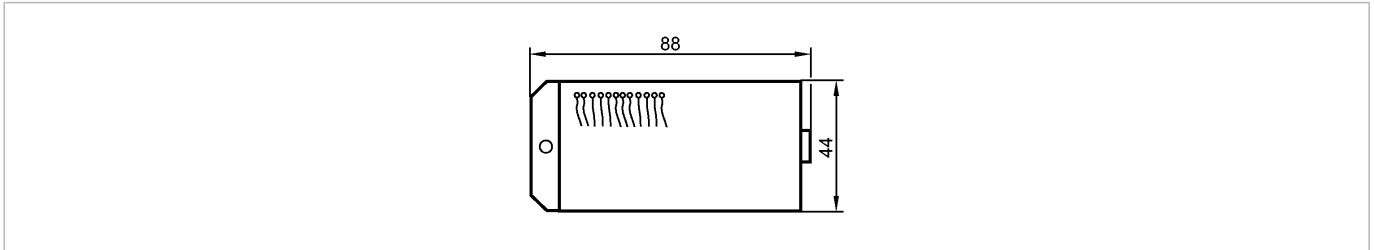




Valvehead module 4DI 3DO T

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

EN 50295

EMC

AS-i classification

S-7.A.F

AS-i profile

7

I/O configuration [hex]

A.F

ID code [Hex]

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

Dimension [mm]

88 x 16 x 41 (W x H x D)

Weight [kg]

0.074

Electrical connection

Connection

Cable; 11 x 0.1 m

Wiring

brown: AS-i +

blue: AS-i -

red: +

black: 0 V

white: I-4

yellow: O-3

white: I-3

yellow: O-2

AC2728 - Active AS-i module - eclass: 27259090 / 27-25-90-90

white: I-2
yellow: O-1
white: I-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