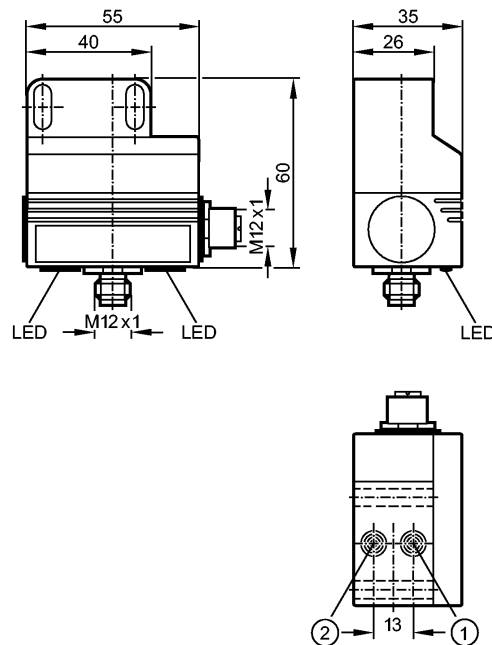


AC2316

DUAL SENSOR T5 2SI 1DO T M12

Valve sensors



1: sensor 1
2: sensor 2

Made in Germany



Product characteristics

Dual sensor for actuator feedback

Connector

2 inductive position sensors integrated

Version 2.1 with extended addressing mode

Sensing range: 4mm [nf]

Electrical data

Electrical design	2 inputs / 1 output
Operating voltage [V]	26.5...31.6 DC *)
Total current consumption from AS-i [mA]	< 160

Inputs

Digital	
Sensor supply	AS-i
Voltage range [V]	20...30 DC
Short-circuit proof	no

Outputs

Digital	
Output function	transistor PNP
External voltage supply	AS-i
Max. current load per output [mA]	100
Electrically separated	no
Integrated watchdog	yes
Short-circuit proof	yes

Measuring / setting range

Sensing range [mm]	4
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Environment

AC2316

DUAL SENSOR T5 2SI 1DO T M12

Valve sensors

Ambient temperature	[°C]	-20...70
Protection		IP 67

Tests / approvals

EMC		EN 50295 EN 61000-6-2
MTTF	[Years]	310

AS-i classification

Extended addressing mode possible		version 2.1 / yes
AS-i profile		S-7.A.E
I/O configuration [hex]		7
ID code [Hex]		A.E
AS-i certificate		75002

Mechanical data

Housing materials		PBT (Pocan); PC; plug / socket stainless steel
Mounting		non-flush mountable
Weight	[kg]	0.176

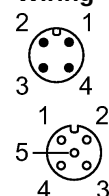
Displays / operating elements

Operation	LED	green
Error	LED	Red
Function display	LED	yellow

Electrical connection

Connection		M12 connector
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Wiring



Electrical connection

1: AS-i+
3: AS-i -

Outputs

3: external voltage -
4: switching output +
1, 2, 5: not connected

Accessories

Accessories (included)		reinforcement bracket; 2 socket head screws M5 x 35; 2 washers
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Remarks

Remarks		*) cULus - Class 2 source required
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Pack quantity	[piece]	1
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