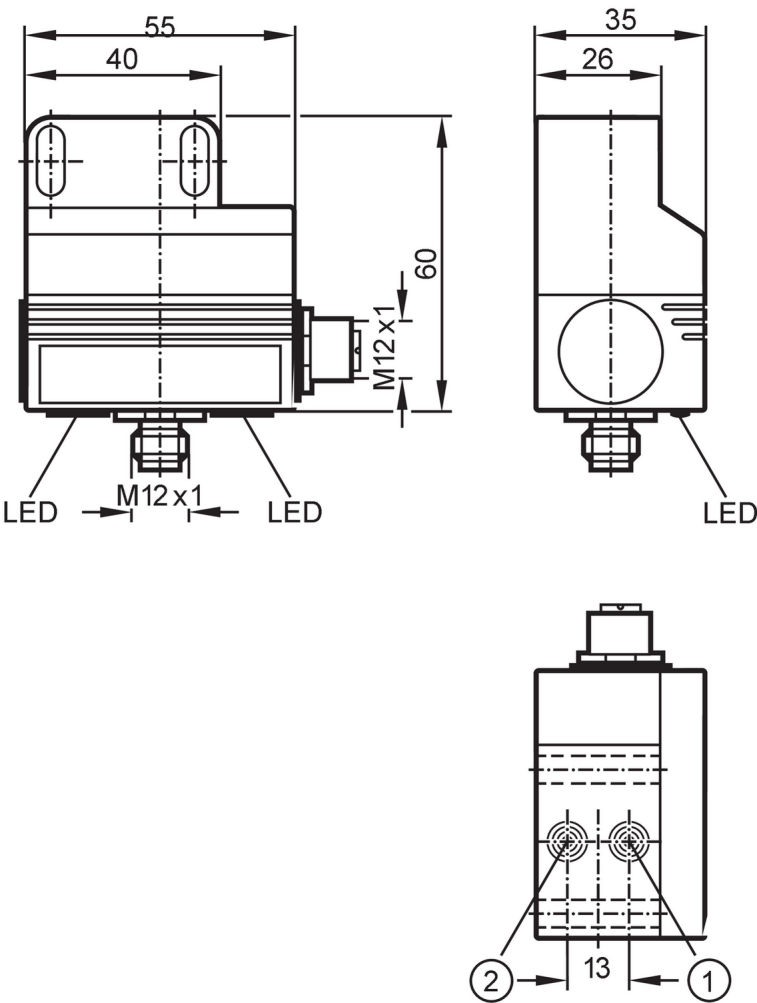


AC2317



AS-Interface dual sensor for pneumatic quarter-turn actuators

DUAL SENSOR T6 2SI 2DO T M12



- 1 sensor 1
2 sensor 2



Product characteristics

Electrical design	AS-i
Sensing range [mm]	4
Housing	rectangular
Dimensions [mm]	55 x 60 x 35

Application

Application	Position sensor for valve actuators; actuator control
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Electrical data

Operating voltage [V]	26.5...31.6 DC; (cULus - Class 2 source required)
Max. current consumption from AS-i [mA]	260
Integrated watchdog	yes

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 2; Number of digital outputs: 2
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AS-Interface dual sensor for pneumatic quarter-turn actuators

DUAL SENSOR T6 2SI 2DO T M12

Inputs		
Number of digital inputs		2
Sensor supply of the inputs		AS-i
Voltage supply [V]		20...30
Digital inputs protected against short circuits		no
Outputs		
Electrical design		AS-i
Number of digital outputs		2
Max. current load per output [mA]		100
Short-circuit proof		yes
Electrically separated		no
Actuator supply outputs		AS-i
Monitoring range		
Sensing range [mm]		4
Operating conditions		
Ambient temperature [°C]		-20...70
Protection		IP 67
Tests / approvals		
EMC	EN 50295	
	EN 61000-6-2	
MTTF [years]		310
AS-i classification		
AS-i version		2.1
Extended addressing mode		yes
AS-i profile		S-7.A.E
AS-i I/O configuration [hex]		7
AS-i ID code [hex]		A.E
AS-i certificate		75001
Mechanical data		
Weight [g]		178.5
Housing		rectangular
Mounting		non-flush mountable
Dimensions [mm]		55 x 60 x 35
Material		PBT; PC
Displays / operating elements		
Display	Power	1 x LED, green
	Function	1 x LED, yellow
	error	1 x LED, red
Accessories		
Items supplied		reinforcement bracket: 1 x (39,5 x 17,5 x 1 mm), E11310
		socket head screws: 2 x (M5 x 35 mm)
		washers: 2



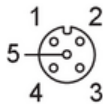
AS-Interface dual sensor for pneumatic quarter-turn actuators

DUAL SENSOR T6 2SI 2DO T M12

Remarks	
Remarks	The outputs must not be set simultaneously if the total load current exceeds 100 mA.
Pack quantity	1 pcs.

Electrical connection - Socket

Connector: 1 x M12; coding: A; Contacts: 3; Moulded body: stainless steel



Ausgänge

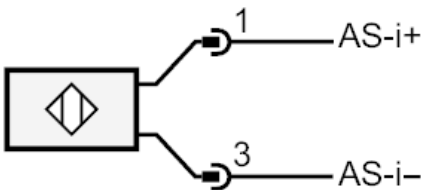
2	Switching output 2 +
3	External voltage -
4	Switching output 1 +

Electrical connection - plug

Connector: 1 x M12; coding: A; Contacts: 4; Moulded body: stainless steel



Connection



Elektrischer Anschluss

1	AS-i+
3	AS-i -