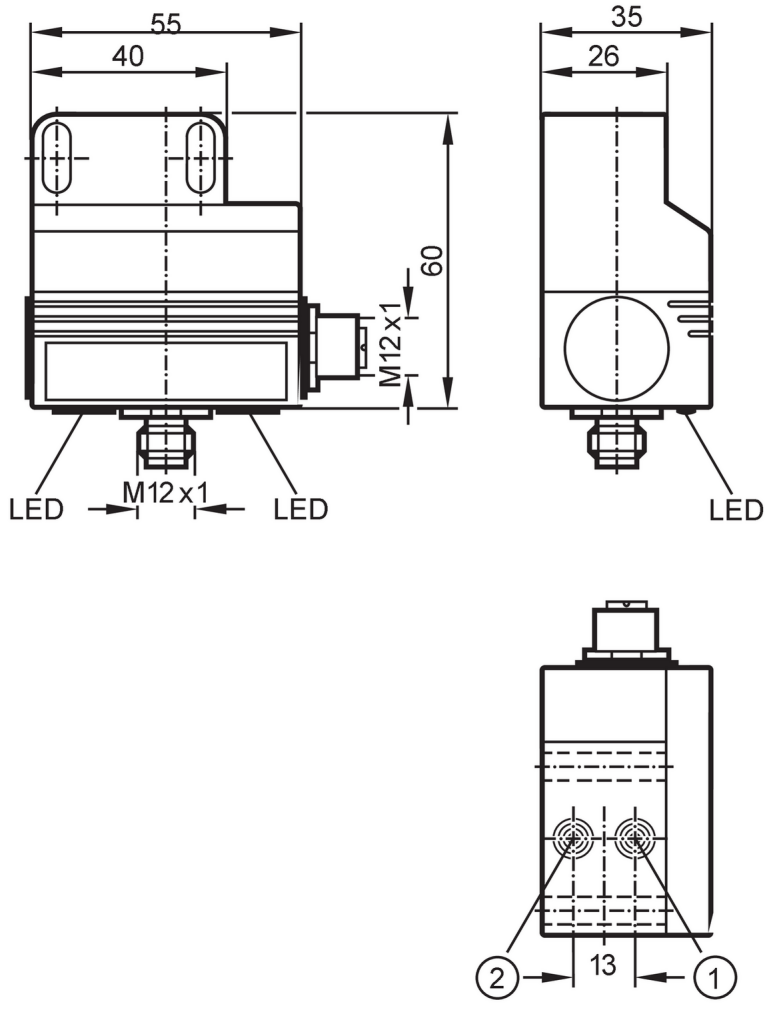
AC2317

AS-Interface dual sensor for pneumatic valve 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
Electrical data		
Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
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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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	
Detection zone			
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	
Materials		PBT; PC	
Displays / operating elements			
Display		operation	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	

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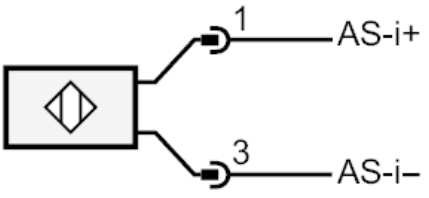
Remarks	
Remarks	The outputs must not be set simultaneously if the total load current exceeds 100 mA.
Pack quantity	1 pcs.

Electrical connection - plug

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



Connection

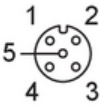


Elektrischer Anschluss

1	AS-i+
3	AS-i -

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 +