

# Sensor interface CASB-MT-D3-R7

Part number: 8071781

FESTO



 General operating condition

## Data sheet

Feature	Value
Instructions on use	The product is suitable for industrial purposes only. Measures to eliminate radio interference may be required in residential areas.
Diagnostic function	Display via LED
Mounting position	Any
Reverse polarity protection	Yes
Output frequency	TTL-Signal: max. 7200 Hz HTL signal: max. 450 Hz
Operational voltage range DC	20.4 V ... 30 V
Duty cycle	100%
Max. electrical power consumption	6 W
Nominal operating voltage DC	24 V
Residual ripple	5%
Current consumption with no-load outputs	50 mA
Current rating per output	50 mA
Approval	RCM
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Protection against direct and indirect contact	PELV
Degree of protection	IP65
Note on degree of protection	In mounted state
Ambient temperature	-5 °C ... 50 °C
Product weight	350 g
analog input	HTL signal: high: min. 18 V, low: max. 2 V TTL signal: high: min. 2.4 V, low: max. 0.4 V
Electrical connection output, function	TTL
Electrical connection output, connection type	Plug
Electrical connection output, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection output, number of connections/cores	8
Electrical connection for output 2, function	HTL
Electrical connection for output 2, connection type	Plug

Feature	Value
Electrical connection for output 2, connection technology	M12x1, A-coded to EN 61076-2-101
Electrical connection output 2, number of pins/wires	5
Electrical connection for valve, connection type	Plug
Electrical connection for valve, connection technology	M12x1, A-coded to EN 61076-2-101
Electrical connection for valve, number of pins/wires	8
Electrical connection for sensor, connection type	2x socket
Electrical connection for sensor, connection technology	M12x1, A-coded to EN 61076-2-101
Electrical connection for sensor, number of pins/wires	8
Type of mounting	Via through-hole for M4 screw
Note on materials	RoHS compliant
Material seals	Fluoro rubber NBR
Material housing	Anodised wrought aluminium alloy