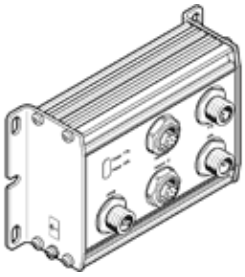
sensor interface
CASB-MT-D3-R7

Part number: 8071781

FESTO



Data sheet

Feature	Value
Instructions for use	The product is suitable for industrial purposes only. Measures for interference suppression may be required in residential areas.
Diagnosis function	Display via LED
Assembly position	Any
Polarity protected	Yes
Output frequency	TTL signal: max. 7200 Hz HTL signal: max. 450 Hz
Operating voltage range DC	20.4 ... 30 V
Duty cycle	100 %
Max. electrical power consumption	6 W
Nominal operating voltage DC	24 V
Residual ripple	5 %
Current consumption with load-free outputs	50 mA
Current-carrying capacity per output	50 mA
Authorisation	RCM Mark
KC mark	KC-EMV
CE mark (see declaration of conformity)	to EU directive for EMC
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	1 - Low corrosion stress
Protection against direct and indirect contact	Protective extra-low voltage with safe disconnection (PELV)
Protection class	IP65
Note on degree of protection	in assembled condition
Ambient temperature	-5 ... 50 °C
Product weight	350 g
Signal range	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, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection, output, number of pins/wires	8
Electrical connection for output 2, function	HTL
Electrical connection for output 2, connection type	Plug
Electrical connection for output 2, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection for output 2, number of pins/wires	5
Electrical connection for valve, connection type	Plug
Electrical connection for valve, connection technology	M12x1, A-coded in accordance with 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 in accordance with EN 61076-2-101
Electrical connection for sensor, number of pins/wires	8
Mounting type	With through-hole for M4 screw
Materials note	Conforms to RoHS
Material seals	FPM NBR
Material housing	Anodised wrought aluminium alloy