Signal convertor
CASB-MT-D3-R7
Part number: 8071781

Data sheet

Feature	Value
Type code	CASB
Application note	The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas.
Diagnostic function	Indication via LED
Mounting position	Any
Reverse polarity protection	yes
Output frequency	TTL signal: max. 7200 Hz HTL signal: max. 450 Hz
DC operating voltage range	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 load-free outputs	50 mA
Current rating per output	50 mA
Certification	RCM compliance mark
KC characters	KC EMC
CE marking (see declaration of conformity)	As per EU EMC directive
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	1 - Low corrosion stress
Protection against direct and indirect contact	PELV
Degree of protection	IP65
Note on degree of protection	In mounted state
Ambient temperature	-5 ºC … 50 ºC
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 as per EN 61076-2-101
Electrical output connection, number of pins/wires	8
Electrical connection output 2, function	HTL
Electrical connection output 2, connection type	Plug
Electrical connection output 2, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical output connection 2, number of pins/wires	5

Feature	Value
Pneumatic valve electrical connection, connection type	Plug
Electrical pneumatic valve connection, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical pneumatic valve connection, number of pins/wires	8
Electrical sensor connection, connection type	2x socket
Electrical sensor connection, connection technology	M12x1 A-coded as per EN 61076-2-101
Sensor electrical connection, number of pins/wires	8
Type of mounting	With through-hole for M4 screw
Note on materials	RoHS-compliant
Seals material	FPM NBR
Housing material	Wrought aluminum alloy, anodized