Measured-value transducer
DADE-MVC-420

Part number: 542118



Data sheet

Feature	Value
Diagnostic function	Indication via LED
Mounting position	Any
Short-circuit protection	Yes
Reverse polarity protection	For PLC plug S1
Repetition accuracy	min. ±0.1 mm
Analog output	4 - 20 mA As per EN 61131-2
Power supply requirement	PELV
Debounce time at inputs	3 ms
Nominal operating voltage DC	24 V
Power failure buffering of logic voltage	10 ms
Residual ripple	4 Vss
Current consumption at nominal operating voltage	20 mA...30 mA
Permissible voltage fluctuations	+/- 25%
Certification	RCM compliance mark
KC characters	KC-EMV
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C...70 °C
Relative air humidity	95% Non-condensating
Degree of protection	IP65 IP67
Ambient temperature	0 °C...55 °C
Product weight	128 g
Linearity error FS	0.2 %
Characteristic curve outputs	As per EN 61131-2
Input characteristics	As per EN 61131-2
Input switching logic	PNP (positive switching)

Feature	Value
Switching logic at outputs	PNP (positive switching)
Electrical connection, displacement encoder	M12 Socket 8-pin
Electrical connection PLC	M12 Plug 8-pin
Type of mounting	With through-hole
Housing material	PBT-reinforced