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 EMC
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
Corrosion resistance class (CRC)	1 - Low corrosion stress
Storage temperature	-20 °C ... 70 °C
Relative air humidity	95 % Non-condensing
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)
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

Feature	Value
Housing material	PBT-reinforced