

Measured-value transducer DADE-MVC-010

Part number: 542117

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Diagnostic function	Display via LED
Mounting position	optional
Short circuit current rating	yes
Reverse polarity protection	For PLC plug S1
Repetition accuracy	Min. ± 0.1 mm
Analogue output	0 - 10 V To EN 61131-2
Power supply requirements	PELV
Debounce time for inputs	3 ms
Nominal operating voltage DC	24 V
Power failure buffering for logic voltage	10 ms
Residual ripple	4 Vpp
Current consumption at nominal operating voltage	20 mA ... 30 mA
Permissible voltage fluctuations	$\pm 25\%$
Approval	RCM trademark
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
CE 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-condensing
Degree of protection	IP65 IP67
Ambient temperature	0 °C ... 55 °C
Product weight	128 g
Linearity error in $\pm$ %FS	0.2 %
Characteristic for outputs	To EN 61131-2
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Switching logic for inputs	PNP (positive switching)
Switching logic for outputs	PNP (positive switching)
Electrical connection measuring system	M12 Socket 8-pin

Feature	Value
Electrical connection PLC	M12 Plugs 8-pin
Type of mounting	With through-hole
Material housing	PBT-reinforced