

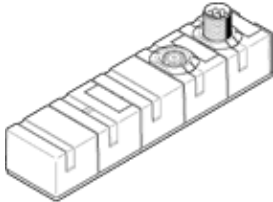
# measured-value transducer

## DADE-MVC-420

Part number: 542118

FESTO

converts the sensor signal from standard cylinders DNCI and DDPC into an analogue value.



## Data sheet

Feature	Value
Diagnosis function	Display via LED
Assembly position	Any
Short circuit strength	Yes
Polarity protected	for SPS plug S1
Repetition accuracy	Min. ±0.1 mm
Analogue output	4 - 20 mA according to EN 61131-2
Power supply requirement	Protective extra-low voltage with safe disconnection (PELV)
Debouncing time, inputs	3 ms
Nominal operating voltage DC	24 V
Power failure buffering for logic voltage	10 ms
Residual ripple	4 V <sub>ss</sub>
Current consumption at nominal operating voltage	20 ... 30 mA
Permissible voltage fluctuation	+/- 25 %
Authorisation	RCM Mark
KC mark	KC-EMV
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-20 ... 70 °C
Relative air humidity	95 % non-condensing
Protection class	IP65 IP67
Ambient temperature	0 ... 55 °C
Product weight	128 g
Linearity error, FS	0.2 %
Characteristic curve, outputs	according to EN 61131-2
Input characteristics	according to EN 61131-2
Input circuit logic	PNP (positive-switching)
Switching logic, outputs	PNP (positive-switching)
Electrical connection, measuring system	M12 Plug socket 8-pin
Electrical connection, SPS	M12 Plug 8-pin
Mounting type	with through hole
Material housing	PBT-reinforced