

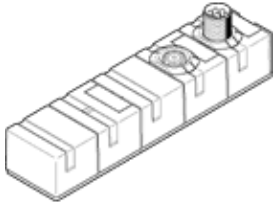
# Measured-value transducer

## 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
Analog output	4 - 20 mA according to EN 61131-2
Power supply requirement	Safety 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 %
Authorization	RCM Mark
KC mark	KC-EMV
CE symbol (see declaration of conformity)	according to EU-EMV guideline 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