

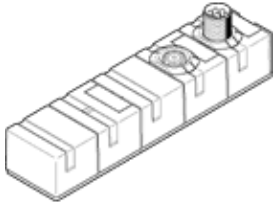
measured-value transducer

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 _{ss} |
| Current consumption at nominal operating voltage | 20 ... 30 mA |
| Permissible voltage fluctuation | +/- 25 % |
| Authorisation | RCM Mark |
| CE mark (see declaration of conformity) | to EU directive for EMC |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| 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 |