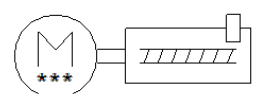
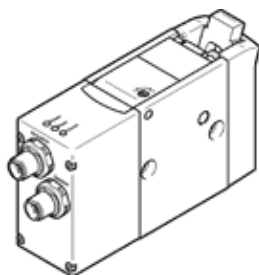


# Stopper cylinder EFSD-100-PV-M12

Part number: 2942447

FESTO



## Data sheet

| Feature   | Value  |
|---|--|
| Design structure  | Electric stopper cylinder                        |
| Size  | 100  |
| Assembly position   | Any  |
| Position detection  | with Hall sensor                                 |
| Corrosion resistance classification CRC                   | 1 - Low corrosion stress                         |
| Ambient temperature                                       | -10 ... 60 °C                                    |
| Storage temperature                                       | -20 ... 60 °C                                    |
| Relative air humidity                                     | 0 - 95 %<br>non-condensing                       |
| Cushioning length   | 18.2 mm  |
| Product weight  | 985 g  |
| Max. cycle frequency                                      | 0.33 Hz  |
| Mounting type   | With mounting kit                                |
| Authorization   | RCM Mark   |
| Materials note  | Conforms to RoHS                                 |
| PWIS conformity   | VDMA24364 zone III                               |
| Material cover  | PA<br>PA-reinforced                              |
| Material seals  | NBR  |
| Material housing  | Hard anodised wrought aluminium alloy            |
| Material piston rod                                       | High alloy steel, non-corrosive                  |
| Material screws   | Coated steel                                     |
| Max. current consumption                                  | 2 A  |
| Nominal operating voltage DC                              | 24 V   |
| Permissible voltage fluctuation                           | +/- 15 %   |
| Motor type  | Stepper motor                                    |
| KC mark   | KC-EMV   |
| CE symbol (see declaration of conformity)                 | according to EU-EMV guideline                    |
| UKCA marking (see declaration of conformity)              | To UK instructions for EMC                       |
| Protection class  | IP40   |
| Max. line length  | 30 m   |
| Ready status display                                      | LED  |
| Electrical connection for actuator, connection type       | Plug   |
| Electrical connection for actuator, connection technology | M12x1, A-coded in accordance with EN 61076-2-101 |
| Electrical connection for actuator, number of pins/wires  | 5  |
| Electrical connection for sensor, connection type         | Plug   |
| Electrical connection for sensor, connection technology   | M12x1, A-coded in accordance with EN 61076-2-101 |
| Electrical connection for sensor, number of pins/wires    | 5  |