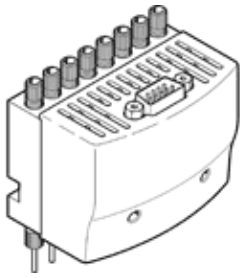


dispense head

VTOE-8-D7-T3-M22C-08-F-P-P-M

Part number: 8063637

FESTO



Data sheet

| Feature | Value |
|--|--|
| Valve function | 2/2 closed, monostable |
| Operating pressure | 0 ... 0.5 bar |
| Internal volume | 113 µl per channel |
| Nominal size | 0.8 mm |
| Nominal width of dosing needle | 0.32 mm |
| Grid dimension | 9 mm |
| Sealing principle | soft |
| Assembly position | Any |
| Type of reset | mechanical spring |
| Type of piloting | direct |
| Water flow rate at max. operating pressure | 370 µl/s |
| Min. dosing volume | 1 µl |
| Typical dosing precision | <1% CV for volumes >5 µl <2.5% CV for volumes between 1-5 µl |
| Duty cycle | 100 % |
| Max. electrical power consumption | 1.8 W |
| Information on power consumption | Specification per valve |
| Nominal operating voltage DC | 24 V |
| Permissible voltage fluctuation | +/- 10 % |
| Operating medium | Fluid media Gaseous media |
| Note on operating and pilot medium | Observe resistance of materials that come into contact with media |
| Corrosion resistance classification CRC | 0 - No corrosion stress |
| Storage temperature | 5 ... 40 °C |
| Medium temperature | 5 ... 50 °C |
| Protection class | IP30 |
| Ambient temperature | 5 ... 40 °C |
| Product weight | 220 g |
| Electrical connection | Plug Sub-D 9-pin |
| Mounting type | Optional With through-hole for M3 screw With female thread and centring sleeve |
| Fluid connection | 8x UNF1/4-28 |
| Note on fluid connection | Fitting provided for tubing with an outside diameter of 3 mm |
| Material of dosing needle | High alloy steel, non-corrosive |
| Material number of dosing needle | 1.4301 |
| Materials note | Contains PWIS substances Conforms to RoHS |
| Materials in contact with media | ETFE FFPM PEEK High alloy steel, non-corrosive |
| Type of actuation | electrical |