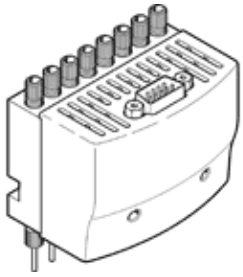
dispense head
VTOE-8-D7-T3-M22C-08-V-S-PC-M

Part number: 8063634



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 FPM PC PEEK PPS High alloy steel, non-corrosive
Type of actuation	electrical