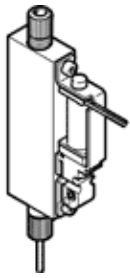


# dispense head

## VTOE-D8-T3-M22C-08-V-S-PC-S

Part number: 8063370

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	0.6 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	1300 µl/s
Min. dosing volume	3 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
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	18 g
Electrical connection	Cable Open end 2-core
Cable length	0.15 m
Wire ends	Sheath removed
Nominal conductor cross section (AWG)	AWG28
Mounting type	With female thread and centring sleeve
Fluid connection	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