

# Rotary distributor GF-1/8-M5

Part number: 539290

FESTO



 General operating condition

## Data sheet

Feature	Value
Nominal size	4.1 mm
Mounting position	optional
Operating pressure complete temperature range	-0.095 MPa ... 1 MPa
Operating pressure complete temperature range	-0.95 bar ... 10 bar
Operating pressure complete temperature range	-13.775 psi ... 145 psi
Standard flow rate 1-2.1 (6->0)	490 l/min
Standard flow rate 1-2.X open (6->0)	2250 l/min
Max. rotational speed	3000 rpm
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Note on operating and pilot medium	Use 5 µm filter when operating with water Lubricated operation possible
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 °C ... 80 °C
Max. tightening torque	1.95 Nm
Max. axial force	50 N
Max. radial force	150 N
Nominal torque	1.22 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	400 g
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	M5
Note on materials	RoHS-compliant
Material housing	Brass, nickel-plated
Material shaft	High-alloy steel