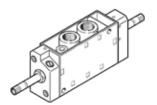
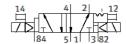
Solenoid valve JMFDH-5-1/4-EX Part number: 536194

FESTO

With manual override. Without sockets.





Data sheet

Valve function S/Z bistable-dominant Type of actuation electrical Width 30.5 mm Standard nominal flow rate 1,100 l/min Operating pressure 2,5 8 bar Design structure Poppet seat CE symbol (see declaration of conformity) according to EU-Ex protection guideline (ATEX) Explosion protection certification outside the EU EXPLOSION FOR SEAS EVEN SEAS EXPLOSION FOR SEAS 12.6 EVEN SEAS EVEN	Feature	Value
Width 30.5 mm Standard nominal flow rate 1,100 l/min Operating pressure 2.5 8 bar Design structure Poppet seat CE symbol (see declaration of conformity) according to EU-Ex protection guideline (ATEX) Explosion protection certification outside the EU EPL Db (GB) UKCA marking (see declaration of conformity) To UK EX instructions ATEX category Dast II 2G ATEX category Dust II 2D Explosion ignition protection type Gas Ex h IIC T4 Gb Explosion ignition protection type Bust Ex h III T30°C Db Explosion proof ambient temperature 5°C <= Ta <= +40°C	Valve function	5/2 bistable-dominant
Standard nominal flow rate Operating pressure MPa O.25 0.8 MPa Working pressure Posign structure Cesymbol (see declaration of conformity) Explosion protection certification outside the EU EPL Db (GB) EPL Cb (GB) UKCA marking (see declaration of conformity) To UK EX instructions ATEX category Gas ATEX category Gas ATEX category Gas Explosion ignition protection type Gas Explosion ignition protection type Gas Explosion ignition protection type Dust Explosion ignition protection administrative Protection class IP65 Nominal size 7 mm Grid dimension 32 mm Exhaust-air function Seating principle Soft Assembly position Any Manual override detenting Type of piloting Flow direction In on reversible Lap Underlap Nax. switching frequency In 6 Hz Switching time reversal In 6 ms Max. and survive test pulse with logic 0 Max. negative test pulse with logic 1 3,700 µs Max. negative test pulse with logic 1 3,700 µs Max. negative test pulse with logic 1 1 - Low corrosion stress Working time reversed Medium temperature 9 - Corrosion resistance classification CRC VDMA24364-e1/R2-L VDMA24364-e1/R2-	Type of actuation	electrical
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Working pressure 2,58 bar	Operating pressure MPa	0.25 0.8 MPa
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Mounting type on manifold rail with through hole	<u> </u>	
with through hole		, ,
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I () ntional		Optional



Feature	Value
Scavenging orifice connection	M5
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	NBR
	TPE-U(PU)
Material housing	Aluminum die cast