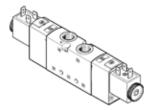
solenoid valve VUVS-L25-P53E-MD-G14-F8-1B2 Part number: 575541





Data sheet

Valve function 5/3 exhausted Type of actuation electrical Valve size 26.5 mm Standard nominal flow rate 1,000 l/min Operating pressure MPa 0.25 1 MPa Operating pressure 2.5 10 bar Design structure Piston slide Type of reset mechanical spring Authorisation c Ut. us - Recognized (OI) Maritime classification see certificate Certificate issuing department DNVGL-TAA000011J Protection class IP65 with plug socket to IEC 60529 Nominal size 6.3 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Piloted Flot air supply Internal Flow direction non reversible Overlap Positive overlap b value 0.4 C value 4.3 I/sbar Switching time off 48 ms	Feature	Value
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		Lubricated operation possible (subsequently required for further
Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6	Vibration resistance	
Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and 60068-2-27	Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC 2 - Moderate corrosion stress	Corrosion resistance classification CRC	2 - Moderate corrosion stress
Medium temperature -10 60 °C		
Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]		
Ambient temperature -10 60 °C		·
Product weight 430 g	·	



Feature	Value
Electrical connection	Plug pattern type B to EN 175301-803
	To industry standard (11 mm)
Mounting type	on manifold rail
	with through hole
	Optional
Scavenging orifice connection	Non-ducted
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	HNBR
	NBR
Material housing	Aluminium die cast
	Painted
Material Piston slide	Wrought Aluminium alloy
Material screws	Galvanised steel