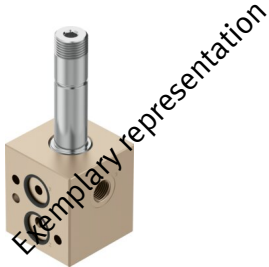



**Valve**  
**VOFD-L50T-**  
Part number: 3212962



 General operating condition

**Data sheet**

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	3/2-way, single solenoid, closed
Type of actuation	Electrical
Construction width	51 mm
Standard nominal flow rate (standardised to DIN 1343)	493 l/min
pneumatic working port	Flange 1/4 G1/4 1/4 NPT Connection pattern to NAMUR
Operating pressure	0 MPa ... 1 MPa
Operating pressure	0 bar ... 10 bar
Operating pressure	0 psi ... 145 psi
Design	Directly actuated poppet valve
Type of reset	Mechanical spring
Degree of protection	IP65
Certificate issuing authority	TÜV 968/V 1251.02/24
Nominal size	5 mm
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of piloting	Direct
Flow direction	Reversible
Suitability for vacuum	Yes
b value	0.25
C value	2 l/sbar
Flow rate Kv pressurisation	0.36 m <sup>3</sup> /h
Flow rate Kv exhaust	0.36 m <sup>3</sup> /h
Standard nominal flow rate 2-3	429 l/min
Switching time off	60 ms
Switching time on	40 ms
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:2:2]
Extended ambient temperature	-25 - 60 °C Low Demand mode
Corrosion resistance class CRC	4 - Very high corrosion stress

<b>Feature</b>	<b>Value</b>
LABS (PWIS) conformity	VDMA24364 zone III
Media temperature	-25 °C ... 60 °C
Ambient temperature	-25 °C ... 60 °C
Product weight	560 g
Note on materials	RoHS compliant
Material seals	NBR
Material housing	Ematal coated aluminium High-alloy stainless steel