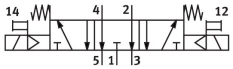
Solenoid valve
MDH-5/3E-3/4-D-4

Part number: 14547



Data sheet

Feature	Value
Valve function	5/3 exhausted
Type of actuation	Electrical
Construction width	76 mm
Standard nominal flow rate (standardised to DIN 1343)	4800 l/min
pneumatic working port	Sub-base size 4 to ISO 5599-1 G3/4
Operating voltage	Via solenoid coil, must be ordered separately
Operating pressure	3 bar...16 bar
Design	Piston gate valve
Type of reset	Mechanical spring
Degree of protection	IP65
Nominal size	18 mm
Grid dimension	82 mm
Exhaust-air function	Can be throttled
Sealing principle	Soft
Mounting position	Any
Conforms to standard	ISO 5599-1
Manual override	Non-detenting
ISO code	457
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	Non-reversible
lap	Overlap
Switching time off	290 ms
Switching time on	85 ms
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C...60 °C
Sound pressure level	85 dB(A)
Ambient temperature	-10 °C...50 °C

Feature	Value
Product weight	2600 g
Type of mounting	On sub-base Via through-hole and screw
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pneumatic connection, port 1	Sub-base size 4 to ISO 5599-1
Pneumatic connection, port 2	Sub-base size 4 to ISO 5599-1
Pneumatic connection, port 3	Sub-base size 4 to ISO 5599-1
Pneumatic connection, port 4	Sub-base size 4 to ISO 5599-1
Pneumatic connection, port 5	Sub-base size 4 to ISO 5599-1
Note on materials	RoHS compliant
Material seals	NBR
Material housing	Aluminium