2/2-way-solenoid valve f.aggress. medium

Type 0142 / Article No. 63241



The depiction of the products may differ from the actual specific design. Please consider the **technical attributes and Data Sheets.**

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Technical attributes

2/2 - A - normally closed - inlet port 1 (P/NC) | 20,00 mm (3/4 inch) | 0,50 bar - 6,00 bar | PVC (Polyvinyl chloride) | Bonded sleeve | 110,00 V - 110,00 V | EPDM (Ethylene-propylene-diene rubber) | 0,00 °C - 50,00 °C | Valve complete

See your specific attribute group for technical details

All | Function | Process Connection Type/Size | Voltage / Frequency | Materials | Process Pressure / Temperature | Sealing Material | Standards and Regulations | Orifice size (Kv value) | Properties | Electrical Port Connection | Protection Type | Coil (Core)

Select all attributes

Function		Process Connection Type/Size	
Fluidic port connection number 2		**Port connection 1 type** Bonded sleeve	
Valve function number of switching positions 2		**Port connection 1 inner diameter (mm)** 25 mm	
Valve function		**Port connection 1 size DN** DN 20	
Manual actuation Yes		**Port connection 2 type** Bonded sleeve	
Manual actuation type Key button		**Port connection 2 size DN** DN 20	
Manual actuation material PA (Polyamide)		**Port connection 2 inner diameter (mm)** 25 mm	
Manual actuation stop Yes			
Manual actuation screw slot No			

Materials

Main valve wetted material
PVC (Polyvinyl chloride)

Pilot control material medium-contacting
PVDF (Polyvinylidene fluoride)

Voltage / Frequency

10 %

Voltage tolerance negative
10 %

AC voltage
Yes

DC voltage
No

Battery voltage
No

Voltage frequency
50/60 Hz

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All | Data Sheets | User Manuals | Declaration of Conformity | EU Material Compliance | Flyers and Catalogues

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Data Sheets

Type 0142 data sheet | servo-assisted solenoid valve with diaphragm

pdf (667 kB) EN / EU
(https://www.burkert.com/en/Media/plm/DTS/DS/DS0142-Standard-EU-EN.pdf)

User Manuals

Additional manual 0330 | FM Division 1 US/CA V2.0

pdf (259 kB) EN / US
(https://www.burkert.com/en/Media/plm/MAN/MA/MA0330-Supplement-US-EN.pdf)

User Manuals

Operating Instructions Type 0142 | 2/2-way solenoid valve

pdf (607 kB) EN / EU
(https://www.burkert.com/en/Media/plm/MAN/MA/MA0142-Manual-EU-EN.pdf)

User Manuals

Operating Instructions Type 0780 | ATEX approval

pdf (1 MB) EN,FR,DE / EU
(https://www.burkert.com/en/Media/plm/MAN/MA/MA0780-ATEX1030-EU-ML.pdf)

User Manuals

Operating Instructions Type ACP016 | Solenoid coil | ATEX and IECEx Ex approval | v1.0

pdf (1 MB) EN / EU
(https://www.burkert.com/en/Media/plm/MAN/MA/MAACP016-Approval-EU-EN.pdf)

Helpful tools & videos

(/en/resistapp/show)



resistApp - Chemical Resistance App

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Fluid Calculator

Product specific information

Please enter the serial number stated on the type label:

Serial number

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