Part number: 546280



Data sheet

| Idectrical I/O system Incomparison medium Idectrical I/O system Information on operating and pilot media Identify Identi | Feature | Value |
|--|---|--|
| Able terminal type 32 Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium 5-5°C50°C unbient temperature 5-5°C50°C Storage temperature -20°C40°C Relative air humidity Max. 90 % at 40°C Degrating pressure -0.9 War1 MPa -0.9 bar1 ob bar Pilot pressure MPa 0.3 MPa0.8 MPa 3 bar8 bar ABS (PWIS) conformity WOMA24364-B1/B2-L Et marking (see declaration of conformity) AS per EU ERN Dison protection directive (ATEX) AS per EU RoHS directive as per EU explosion protection directive (ATEX) AS per EU RoHS directive AS PER COMPRISED FEMC Conformation Compression Compression Compression Compression ABS (PWIS) conformity To UK instructions for EMC acc. to UK EX instructions Compression Comp | Electrical actuation | Fieldbus |
| Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Imperature of medium -5°C50°C Omministry Operating temperature -5°C50°C Operating temperature -20°C40°C Itelative air humidity Max. 90 % at 40°C Operating pressure Operating pressure -0.09 MPa1 MPa -0.9 bar10 bar Operating pressure On MPa0 & MPa0 & MPa. Operating pressure Operating pressure Operating pressure Operating pressure Operating see declaration of conformity) Operating (see declaration of conformity) Operating temperature Operating temperature Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication of conformity Operation via definition of conformity Operation of conformity Operation via definition operation of conformity Operation via definition operation ope | Electrical I/O system | no |
| operation with oil lubrication possible (required for further use) operature of medium official semperature of medium official semperature official se | Valve terminal type | 32 |
| emperature of medium -5 °C50 °C Imbient temperature -5 °C50 °C Imbient temperature -20 °C40 °C Relative air humidity Max. 90 % at 40 °C Regree of protection IP67 O - No corrosion stress Poperating pressure -0.09 MPa1 MPa -0.9 bar10 bar Pilot pressure MPa O .3 MPa0.8 MPa RBS (PWIS) conformity IE marking (see declaration of conformity) As per EU EMC directive as per EU explosion protection directive (ATEX) As per EU explosion protection directive (ATEX) As per EU RMS directive INCA marking (see declaration of conformity) CC characters CC | Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
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| telative air humidity Max. 90 % at 40 °C Degree of protection IP67 Orrosion resistance class (CRC) O - No corrosion stress Operating pressure -0.09 MPa1 MPa -0.9 bar10 bar Oliot pressure MPa Oliot pressure ABS (PWIS) conformity VDMA24364-B1/B2-L E marking (see declaration of conformity) As per EU EMC directive as per EU explosion protection directive (ATEX) As per EU RoMS directive IKCA marking (see declaration of conformity) To UK instructions for EMC acc. to UK EX instructions To UK ROHS instructions To UK ROHS instructions C characters KC EMC Errification RCM compliance mark c UL us - Recognized (OL) Explosion prevention and protection Zone 1 (UKEX) Zone 2 (ITEX) Zone 2 (IUKEX) ITEX category gas II 3G EXPLOSION PROTECTION OF CENC EXPLOSION PROTECTION OUTSIDE OF CENC EXPLOSION PROTEC | Ambient temperature | -5 °C50 °C |
| pegree of protection IP67 Forosion resistance class (CRC) O - No corrosion stress Operating pressure -0.09 MPa1 MPa -0.9 bar10 bar O.3 MPa0.8 MPa Silot pressure ABS (PWIS) conformity Emarking (see declaration of conformity) As per EU EMC directive as per EU explosion protection directive (ATEX) As per EU RNHS directive INCA marking (see declaration of conformity) To UK instructions for EMC acc. to UK EX instructions TO UK ROHS instructions CC characters KC EMC RCM compliance mark c UL us - Recognized (OL) Explosion prevention and protection TO UK ROHS instructions TO UK EX (UKEX) TO UL UKEX) TO UL UKEX TO TO UL | Storage temperature | -20 °C40 °C |
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| EPL Gb (GB) Type of ignition protection for gas Ex ec IIC T4 Gc X Explosive ambient temperature -5°C <= Ta <= +50°C | ATEX category gas | II 3G |
| explosive ambient temperature -5°C <= Ta <= +50°C | Explosion protection certification outside the EU | |
| Processor Processor | Type of ignition protection for gas | Ex ec IIC T4 Gc X |
| lote on materials RoHS-compliant | Explosive ambient temperature | -5°C <= Ta <= +50°C |
| | Note on materials | RoHS-compliant |

| Feature | Value |
|----------------------------------|--|
| Valve manifold design | Modular, pneumatic valve sizes can be mixed |
| Max. no. of valve positions | 32 |
| Max. no. of pressure zones | 9 |
| Actuation type | Electrical |
| Valve function | 2/2, closed, monostable 2x3/2, closed, monostable 2x3/2, open, monostable 2x3/2, open/closed, monostable 3/2, closed, monostable 3/2, open, monostable 5/2, bistable 5/2, monostable 5/3, pressurized 5/3, exhausted 5/3, closed |
| Structural design | Piston gate valve Poppet valve with return spring |
| Valve size | 10 mm 14 mm 20 mm |
| Pilot air supply port | External Internal |
| Max. standard nominal flow rate | 360 l/min at 10 mm 550 l/min at 14 mm 700 l/min at 20 mm |
| Suitability for vacuum | yes |
| Flat plate silencer | At one end |
| Pneumatic working port | M7 G1/8 QS-4 QS-6 QS-8 QS-3/16 QS-1/4 QS-5/16 |
| Signal status display | LED |
| Nominal operating voltage DC | 24 V |
| Permissible voltage fluctuations | +/- 25 % |