

General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| pe of actuation Manual thaust-air function pe of piloting per of of 1/4 Prepared for G1/4 Prep | Feature | Value |
|--|---|---|
| thaust-air function Without flow control option pe of piloting Direct also function 3/2 bistable Prepared for G1/4 Prepared for G1/8 Via pressure sensor With pressure gauge perating pressure andard nominal flow rate (standardised to DIN 1343) 1200 l/min 2200 l/min perating medium Compressed air to ISO 8573-1:2010 [7:4:4] Intert gases obte on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) orrosion resistance class CRC | Design | Rotary gate valve |
| pe of piloting alve function 3/2 bistable Prepared for G1/4 Prepared for G1/8 Via pressure gauge perating pressure andard nominal flow rate (standardised to DIN 1343) Dote on operating and pilot medium corrosion resistance class CRC 2 - Moderate corrosion stress and temperature -10 °C 60 °C | Type of actuation | Manual |
| Alve function 3 / 2 bistable Prepared for G1 / 4 Prepared for G1 / 8 Prepared for G1 / 9 Prepared for G1 | Exhaust-air function | Without flow control option |
| Prepared for G1/4 Prepared for G1/8 Via pressure gauge Perating pressure O bar 14 bar andard nominal flow rate (standardised to DIN 1343) Departing medium Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Ober on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Orrosion resistance class CRC O 2 - Moderate corrosion stress O bet on materials ROHS-compliant WBS (PWIS) conformity VDMA24364-B1/B2-L edia temperature 1-0 °C 60 °C Orroval E mark (see declaration of conformity) TO EU Explosion Protection Directive (ATEX) CAC marking (see declaration ot conformity) TO EU Explosion protection certification outside the EU EPL Db (GB) EPL Db (GB) EPL CB (GB) Epl CB (GB) Epl CB (GB) Explosion protection Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (MEX) Zone 21 (MEX) Zone 22 (ATEX) Zone 22 (ATEX) EX category gas EX category dust II 2D | Type of piloting | Direct |
| Prepared for 61/8 Via pressure sensor With pressure sensor With pressure gauge perating pressure 0 bar 14 bar andard nominal flow rate (standardised to DIN 1343) 1200 l/min 2200 l/min perating medium Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases pote on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) porosion resistance class CRC 2 - Moderate corrosion stress pote on materials RoHS-compliant WDMA24364-B1/B2-L defia temperature 10° C 60° C mbient temperature 10° C 60° C proval c UL us - Recognized (OL) E mark (see declaration of conformity) To EU Explosion Protection Directive (ATEX) KCA marking (see declaration of conformity) To UK EX instructions puposion protection certification outside the EU EPL Db (GB) EPL Gb (GB) | Valve function | 3/2 bistable |
| andard nominal flow rate (standardised to DIN 1343) 1200 I/min 2200 I/min Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Lubricated operation possible (in which case lubricated operation will always be required) prosion resistance class CRC 2 - Moderate corrosion stress ROHS-compliant RBS (PWIS) conformity VDMA24364-B1/B2-L edia temperature -10 °C 60 °C proval c UL us - Recognized (OL) mark (see declaration of conformity) KCA marking (see declaration of conformity) TO UK EX instructions uplosion protection certification outside the EU EPL Db (GB) EPL Cb (Cb (Cb (Cb (Cb (Cb (Cb (Cb (Cb (Cb | Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8 Via pressure sensor |
| Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Dete on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Deteron resistance class CRC 2 - Moderate corrosion stress Deteron materials RoHS-compliant WDMA24364-B1/B2-L delia temperature -10 °C 60 °C Deproval C UL us - Recognized (OL) E mark (see declaration of conformity) To EU Explosion Protection Directive (ATEX) ACA marking (see declaration of conformity) To UK EX instructions EPL Db (GB) EPL Gb (GB) EPL Gb (GB) EPL Cone 1 (ATEX) Zone 2 (ATEX) | Operating pressure | 0 bar 14 bar |
| Inert gases Lubricated operation possible (in which case lubricated operation will always be required) Divinosion resistance class CRC 2 - Moderate corrosion stress RoHS-compliant ABS (PWIS) conformity VDMA24364-B1/B2-L edia temperature -10 °C 60 °C mbient temperature -10 °C 60 °C corproval c UL us - Recognized (OL) E mark (see declaration of conformity) TO EU Explosion Protection Directive (ATEX) ACA marking (see declaration otside the EU EPL Db (GB) EPL Db (GB) EPL Gb (GB) EPL Gb (GB) Explosion protection To EU EXTREX) Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) TEX category gas II 2G EXACT CALL SET C | Standard nominal flow rate (standardised to DIN 1343) | 1200 l/min 2200 l/min |
| always be required) 2 - Moderate corrosion stress tote on materials RoHS-compliant ABS (PWIS) conformity VDMA24364-B1/B2-L edia temperature -10 °C 60 °C ribient temperature -10 °C 60 °C c UL us - Recognized (OL) E mark (see declaration of conformity) TO EU Explosion Protection Directive (ATEX) KCA marking (see declaration of conformity) TO UK EX instructions splosion protection certification outside the EU EPL Db (GB) EPL Gb (GB) EPL Gb (GB) EPL Gb (GB) EPL Gb (GB) EPL Gb (GB) EPL Gb (GB) EPL | Operating medium | · · |
| RoHS-compliant ABS (PWIS) conformity VDMA24364-B1/B2-L edia temperature -10 °C 60 °C mbient temperature -10 °C 60 °C coproval c UL us - Recognized (OL) E mark (see declaration of conformity) TO EU Explosion Protection Directive (ATEX) ACA marking (see declaration of conformity) TO UK EX instructions (CA marking (see declaration outside the EU EPL Db (GB) EPL Gb (GB) EPL Gb (GB) (CD) EPL GB (GB) EPL GB (G | Note on operating and pilot medium | |
| ABS (PWIS) conformity vDMA24364-B1/B2-L edia temperature -10 °C 60 °C mbient temperature -10 °C 60 °C cut us - Recognized (OL) E mark (see declaration of conformity) TO EU Explosion Protection Directive (ATEX) KCA marking (see declaration of conformity) TO UK EX instructions Explosion protection certification outside the EU EPL Db (GB) EPL Gb (GB | Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| edia temperature -10 °C 60 °C proval -10 °C 60 °C C UL us - Recognized (OL) E mark (see declaration of conformity) KCA marking (see declaration of conformity) To UK EX instructions EPL Db (GB) EPL Gb (GB) EPL Gb (GB) EPL Gb (| Note on materials | RoHS-compliant |
| mbient temperature -10 °C 60 °C c UL us - Recognized (OL) E mark (see declaration of conformity) To EU Explosion Protection Directive (ATEX) KCA marking (see declaration of conformity) To UK EX instructions EPL Db (GB) EPL Gb (GB) EPL Gb (GB) EPL Gb (GB) Explosion protection Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX) EX category gas II 2G EX category dust II 2D | LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| c UL us - Recognized (OL) E mark (see declaration of conformity) KCA marking (see declaration of conformity) To UK EX instructions EPL Db (GB) EPL Gb (GB) EPL Gb (GB) EPL Gb (GB) Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 21 (UKEX) Zone 21 (UKEX) Zone 22 (ATEX) EX category gas II 2G II 2D | Media temperature | -10 °C 60 °C |
| E mark (see declaration of conformity) KCA marking (see declaration of conformity) To UK EX instructions EPL Db (GB) EPL Gb (GB) EP | Ambient temperature | -10 °C 60 °C |
| KCA marking (see declaration of conformity) Kplosion protection certification outside the EU EPL Db (GB) EPL Gb (GB) Cone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 21 (UKEX) Zone 22 (ATEX) EX category gas II 2G II 2D | Approval | c UL us - Recognized (OL) |
| EPL Db (GB) EPL Gb (GB) Epl Gb | CE mark (see declaration of conformity) | To EU Explosion Protection Directive (ATEX) |
| EPL Gb (GB) xplosion protection Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 21 (UKEX) Zone 22 (ATEX) TEX category gas II 2G TEX category dust II 2D | UKCA marking (see declaration of conformity) | To UK EX instructions |
| Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 21 (UKEX) Zone 22 (ATEX) TEX category gas II 2G TEX category dust II 2D | Explosion protection certification outside the EU | , , |
| EX category dust II 2D | Explosion protection | Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) |
| | ATEX category gas | II 2G |
| xplosion ignition protection type for gas Ex h IIC T6 Gb X | ATEX category dust | II 2D |
| | Explosion ignition protection type for gas | Ex h IIC T6 Gb X |
| xplosion ignition protection type for dust Ex h IIIC T60°C Db X | Explosion ignition protection type for dust | Ex h IIIC T60°C Db X |
| xplosion ambient temperature -10 °C <= Ta <= +60 °C | Explosion ambient temperature | -10 °C <= Ta <= +60 °C |
| sitable for use with food See supplementary material information | Suitable for use with food | See supplementary material information |

| Feature | Value |
|------------------------------|---|
| Type of mounting | Either: In-line installation With accessories |
| Mounting position | optional |
| Flow direction | Non-reversible |
| Pneumatic connection, port 3 | G1/4 |
| Material seals | TPE-U(PU) |
| Material housing | Die-cast aluminium |