



## **Data sheet**

Type of actuation Electric Construction width 52 mm Standard nominal flow rate (standardised to DIN 1343) 3700 l/min pneumatic working port 61/2 Operating voltage Via solenoid coil, must be ordered separately Operating pressure 0.15 MPa0.8 MPa 1.5 bar8 bar  Design Poppet seat Type of reset Mechanical spring CE mark (see declaration of conformity) To EU Explosion Protection Directive (ATEX) Explosion protection certification outside the EU EPL Db (GB) EPL Gb (GB) UKCA marking (see declaration of conformity) To UK EX instructions  ATEX category gas II 2G  ATEX category dust II 2D  Explosion ignition protection type for dust Ex	Feature	Value
Standard nominal flow rate (standardised to DIN 1343)  Standard nominal flow rate (standardised to DIN 1343)  3700 l/min  G1/2  Operating voltage  Via solenoid coil, must be ordered separately  Operating pressure  O.15 MPa, 0,8 MPa 1.5 bar 8 bar  Design  Poppet seat  Wechanical spring  CE mark (see declaration of conformity)  To EU Explosion Protection Directive (ATEX)  Explosion protection certification outside the EU  EPL Db (GB)  EVL Db (GB)  EVL CA marking (see declaration of conformity)  To UK EX instructions  ATEX category gas  ATEX category gas  ATEX category dust  Explosion ignition protection type for gas  Explosion ignition protection type for dust  Explosion ignition protection type for dust  Explosion ambient temperature  -5 °C <= Ta <= +40 °C  Degree of protection  P65  Nominal size  14 mm  Grid dimension  Exhaust-air function  With flow control option  Sealing principle  Soft  Mounting position  Optional  Manual override  Detenting  Pilot actuated  Flow direction  Indertap  Undertap  D value  O.3  Switching time off  Soft  Undertap  Optional  Switching time off	Valve function	3/2-way, closed, monostable
Standard nominal flow rate (standardised to DIN 1343)  pneumatic working port  Operating voltage  Via solenoid coil, must be ordered separately  Operating pressure  0.15 MPa0.8 MPa 1.5 bar8 bar  Design  Poppet seat  Type of reset  Mechanical spring  EXE mark (see declaration of conformity)  To EU Explosion Protection Directive (ATEX)  EXPLOS (GB)  UKCA marking (see declaration of conformity)  To UK EX instructions  ATEX category gas  ATEX category dust  Explosion ignition protection type for dust  Explosion ignition protection type for dust  Explosion ambient temperature  -5 °C <= Ta <= +40 °C  Degree of protection  IP65  Nominal size  fird dimension  69 mm  Exhaust-air function  With flow control option  Sealing principle  Soft  Mounting position  Manual override  Type of piloting  Pilot actuated  Flow direction  Non-reversible  lap  Underlap  b value  Switching time off  Via solenoid coil, must be ordered separately  One fall proper seat  Determing position  Non-reversible  Lap  Underlap  Soft  Soft  Soft  Underlap  One sewitching time off	Type of actuation	Electric
Operating voltage Operating voltage Operating pressure Operating Operation Operating Operating Operating Operation Operation Operating Operation Ope	Construction width	52 mm
Operating voltage  Operating pressure  Operating pressure  Onesign  Poppet seat  Type of reset  Explosion protection certification outside the EU  Explosion protection certification of conformity)  To EU Explosion protection certification outside the EU  EPL Db (GB) EPL Cb (GB) EPL	Standard nominal flow rate (standardised to DIN 1343)	3700 l/min
Operating pressure  O.15 MPaO.8 MPa 1.5 bar8 bar  Poppet seat  Type of reset  CE mark (see declaration of conformity)  Explosion protection certification outside the EU  EPL Db (GB)  EPL Gb (GB)  UKCA marking (see declaration of conformity)  To UK EX instructions  ATEX category gas  II 2G  ATEX category dust  Explosion ignition protection type for gas  Explosion ignition protection type for dust  Explosion ignition protection type for dust  Explosion ambient temperature  5° °C <= Ta <= +40 °C  Degree of protection  IP65  Nominal size  I4 mm  Grid dimension  Exhaust-air function  With flow control option  Sealing principle  Soft  Mounting position  Manual override  Type of piloting  Flot actuated  Flow direction  Inderlap  b value  Switching time off  90 ms	pneumatic working port	G1/2
1.5 bar8 bar  Design Poppet seat Wechanical spring CE mark (see declaration of conformity) To EU Explosion Protection Directive (ATEX)  Explosion protection certification outside the EU EPL Db (GB) EPL Gb (GB)  UKCA marking (see declaration of conformity) To UK EX instructions  ATEX category gas II 2G ATEX category dust II 2D Explosion ignition protection type for gas Explosion ignition protection type for dust Explosion ignition protection type for dust Explosion ambient temperature -5°C <= Ta <= +40°C  Degree of protection IP65 Nominal size I4 mm Grid dimension 69 mm  Exhaust-air function With flow control option Sealing principle Soft Mounting position Manual override Detenting Type of piloting Flow direction Non-reversible lap Underlap b value Switching time off Soft Switching time off	Operating voltage	Via solenoid coil, must be ordered separately
Mechanical spring  CE mark (see declaration of conformity)  To EU Explosion Protection Directive (ATEX)  EXPLOSION PROTECTION OUTSIDE OF THE CONTROLL OF THE C	Operating pressure	
CE mark (see declaration of conformity)  Explosion protection certification outside the EU  EPL Db (GB) EPL Gb (GB)  EPL G	Design	Poppet seat
Explosion protection certification outside the EU  EPL Db (GB) EPL Gb (GB)  UKCA marking (see declaration of conformity)  To UK EX instructions  ATEX category gas  II 2G  ATEX category dust  II 2D  Explosion ignition protection type for gas  Ex h IIC T4 Gb  Explosion ignition protection type for dust  Explosion ignition protection type for dust  Ex h IIC T130°C Db  Explosion ambient temperature  -5 °C <= Ta <= +40 °C  Degree of protection  IP65  Nominal size  I4 mm  Grid dimension  69 mm  Exhaust-air function  With flow control option  Sealing principle  Mounting position  Monting position  Manual override  Type of piloting  Flow direction  Non-reversible  lap  Underlap  b value  Switching time off  90 ms	Type of reset	Mechanical spring
EPL Gb (GB)  UKCA marking (see declaration of conformity)  To UK EX instructions  II 2G  ATEX category gas  II 2D  Explosion ignition protection type for gas  Ex h IIC T4 Gb  Explosion ignition protection type for dust  Ex h IIIC T130°C Db  Explosion ambient temperature  -5°C <= Ta <= +40°C  Degree of protection  IP65  Nominal size  14 mm  Grid dimension  69 mm  Exhaust-air function  With flow control option  Sealing principle  Soft  Mounting position  Mounting position  Manual override  Type of piloting  Flow direction  Non-reversible  lap  Underlap  b value  Switching time off  70 UK EX instructions  To UK EX instructions  To UK EX instructions  Exh III 2D  Exh III C T130°C Db  Exh III C T14 Gb  Exh III C	CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
ATEX category gas  ATEX category dust  II 2D  Explosion ignition protection type for gas  Ex h IIC T4 Gb  Explosion ambient temperature  5°C <= Ta <= +40°C  Degree of protection  IP65  Nominal size  14 mm  Grid dimension  Exhaust-air function  With flow control option  Sealing principle  Soft  Mounting position  Manual override  Detenting  Type of piloting  Flow direction  In 62  Non-reversible  Iunderlap  b value  Switching time off  90 ms	Explosion protection certification outside the EU	
ATEX category dust  Explosion ignition protection type for gas  Ex h IIC T4 Gb  Explosion ignition protection type for dust  Ex h IIIC T130°C Db  Explosion ambient temperature  -5 °C <= Ta <= +40 °C  Degree of protection  IP65  Nominal size  14 mm  Grid dimension  69 mm  Exhaust-air function  With flow control option  Sealing principle  Soft  Mounting position  Manual override  Type of piloting  Flow direction  Non-reversible  Iap  Underlap  b value  Switching time off  11 2D  Ex h IIIC T4 Gb  Ex h IIIC T130°C Db  Ex h IIIC T14 Gb	UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion ignition protection type for gas  Ex h IIC T4 Gb  Explosion ignition protection type for dust  Ex h IIIC T130°C Db  Explosion ambient temperature  -5 °C <= Ta <= +40 °C  Degree of protection  IP65  Nominal size  14 mm  Grid dimension  69 mm  Exhaust-air function  With flow control option  Sealing principle  Soft  Mounting position  Mounting position  Manual override  Type of piloting  Type of piloting  Flow direction  Non-reversible  lap  Underlap  b value  0.3  Switching time off  Sex h IIIC T130°C Db  Ex h IIIC T130°C  Degree of plot of plo	ATEX category gas	II 2G
Explosion ignition protection type for dust  Ex h IIIC T130°C Db  Explosion ambient temperature  -5 °C <= Ta <= +40 °C  Degree of protection  IP65  Nominal size  14 mm  Grid dimension  Exhaust-air function  Sealing principle  Soft  Mounting position  Manual override  Type of piloting  Flow direction  Non-reversible  lap  Underlap  b value  O 3  Switching time off  90 ms	ATEX category dust	II 2D
Explosion ambient temperature  -5 °C <= Ta <= +40 °C  Degree of protection  IP65  Nominal size  14 mm  Grid dimension  69 mm  Exhaust-air function  With flow control option  Sealing principle  Soft  Mounting position  Optional  Manual override  Detenting  Type of piloting  Pilot actuated  Flow direction  Non-reversible  lap  Underlap  b value  0.3  Switching time off  90 ms	Explosion ignition protection type for gas	Ex h IIC T4 Gb
Degree of protection  Nominal size  14 mm  Grid dimension  69 mm  Exhaust-air function  With flow control option  Sealing principle  Mounting position  Manual override  Type of piloting  Flow direction  Non-reversible  lap  Underlap  b value  O.3  Switching time off  Pios Amm	Explosion ignition protection type for dust	Ex h IIIC T130°C Db
Nominal size  14 mm  Grid dimension  69 mm  Exhaust-air function  With flow control option  Sealing principle  Soft  Mounting position  Manual override  Type of piloting  Flow direction  Non-reversible  lap  Underlap  b value  O.3  Switching time off  90 ms	Explosion ambient temperature	-5 °C <= Ta <= +40 °C
Grid dimension 69 mm  Exhaust-air function With flow control option  Sealing principle Soft  Mounting position optional  Manual override Detenting  Type of piloting Pilot actuated  Flow direction Non-reversible  lap Underlap  b value 0.3  Switching time off 9 mm	Degree of protection	IP65
Exhaust-air function  Sealing principle  Soft  Mounting position  Manual override  Type of piloting  Flow direction  Non-reversible  lap  Underlap  b value  Switching time off  With flow control option  With flow control option  Soft  Optional  Detenting  Pilot actuated  Non-reversible  Underlap  90 ms	Nominal size	14 mm
Sealing principle  Mounting position  Manual override  Detenting  Type of piloting  Pilot actuated  Non-reversible  lap  Underlap  b value  0.3  Switching time off  Soft  Optional  Detenting  Pilot actuated  Non-reversible  Underlap  90 ms	Grid dimension	69 mm
Mounting position optional  Manual override Detenting  Type of piloting Pilot actuated  Flow direction Non-reversible  lap Underlap  b value 0.3  Switching time off 90 ms	Exhaust-air function	With flow control option
Manual override  Type of piloting  Pilot actuated  Flow direction  Non-reversible  Underlap  b value  0.3  Switching time off  Detenting  Pilot actuated  Non-reversible  Underlap  90 ms	Sealing principle	Soft
Type of piloting Pilot actuated Flow direction Non-reversible lap Underlap b value 0.3 Switching time off 90 ms	Mounting position	optional
Flow direction Non-reversible lap Underlap b value 0.3 Switching time off 90 ms	Manual override	Detenting
Underlap b value 0.3 Switching time off 90 ms	Type of piloting	Pilot actuated
b value 0.3 Switching time off 90 ms	Flow direction	Non-reversible
Switching time off 90 ms	lap	Underlap
	b value	0.3
Switching time on 18 ms	Switching time off	90 ms
	Switching time on	18 ms

Feature	Value
Max. positive test pulse with 0 signal	2200 μs
Max. negative test pulse with 1 signal	3700 μs
Characteristic coil data	See solenoid coil, to be ordered separately
Explosion protection	Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX)
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)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C60 °C
Media temperature	-5 °C40 °C
Ambient temperature	-5 °C40 °C
Product weight	1100 g
Electrical connection	Via F coil, to be ordered separately
Type of mounting	On manifold rail With through-hole Either:
Breather connection	M5
Pilot exhaust port 82	M5
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Pneumatic connection, port 3	G1/2
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium