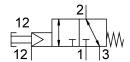
## **Pushbutton valve VHEF-PTCZ-M32-M-N14**

Part number: 5299724







## **Data sheet**

tutation type Manual //idth 20 mm  tandard nominal flow rate 870 I/min  neumatic working port 1/4 NPT  perating pressure -0.095 MPa1 MPa -0.95 bar10 bar  tructural design Plate seat eset method Mechanical spring  ominal width 6 mm  xhaust air function With flow control option pplication note Operate by hand only eating position Any ype of control Pilot-controlled ilot air supply port External  ow direction Reversible  applications of Revers	Feature	Value
And the tandard nominal flow rate structural design sesure sest method shadard nominal width shadard nominal width shadard nominal width shadard a fir function shadard nominal width shadard a fir function shadard nominal width shadard a fir function shadard nominal width shadard nomina	Valve function	3/2, open/closed, monostable
tandard nominal flow rate  neumatic working port  1/4 NPT  1/4 NPT  -0.095 MPa1 MPa -0.95 bar10 bar  ttructural design  eset method  Mechanical spring  ominal width  shaust air function  pplication note  ealing principle  Soft  lounting position  yie of control  giot air supply port  External  low direction  Reversible  ap  Zero overlap  ilot pressure MPa  ilot pressure  3 bar10 bar  ilot pressure psi  lax. switching frequency  xplosion prevention and protection  prestain media  prestain media  Compressed air as per ISO 8573-1:2010 [7::-]  formation on operating and pilot media  Operation with soil lubrication possible (required for further use)  orrosion resistance class (CRC)  ABS (PWIS) conformity  VDMA24364-B1/B2-L	Actuation type	Manual
neumatic working port  perating pressure  -0.095 MPa1 MPa -0.95 bar10 bar  tructural design  plate seat  eset method  minul width  shaust air function  pplication note  ealing principle  Soft  tounting position  Any  pre of control  ilot air supply port  bow direction  ap  Zero overlap  ilot pressure  3 bar10 bar  ilot pressure  3 bar10 bar  ilot pressure psi  lax. switching frequency  xplosion prevention and protection  Zone 2 (ATEX)  Zone	Width	20 mm
perating pressure  -0.095 MPa1 MPa -0.95 bar10 bar  Plate seat  sest method  Mechanical spring  ominal width  Any  pipication note  oliounting position  yee of control  pilot-controlled  ilot air supply port  External  low direction  Appearsume MPa  oliot pressure MPa  ilot pressure	Standard nominal flow rate	870 l/min
-0.95 bar10 bar tructural design Plate seat eset method Mechanical spring ominal width 6 mm  xhaust air function With flow control option Pplication note Poperate by hand only ealing principle Soft tounting position Any  ype of control Pilot-controlled ilot air supply port External tow direction Reversible ap Zero overlap ilot pressure MPa O.3 MPa1 MPa Ilot pressure Ilot	Pneumatic working port	1/4 NPT
meset method  mechanical spring  minal width  mechanical spring  minal width  mechanical spring  minal width  mechanical spring  mechanical sprincip  mechanical spring  mechanical sprincip  mechanical sprincip  mechanical	Operating pressure	
ominal width  khaust air function  With flow control option  Operate by hand only  ealing principle Soft  Jounting position Any  ype of control Pilot-controlled  ilot air supply port External  Jow direction Reversible  App Zero overlap  ilot pressure MPa Josham Japan	Structural design	Plate seat
xkhaust air function  Xith flow control option  Operate by hand only  Soft  Iounting position  Any  Yope of control  Iound direction  Application  Application  Reversible  Application  Application  Application  Reversible  Application  Application  Application  Any  Yope of control  Iound direction  Reversible  Application  Appl	Reset method	Mechanical spring
pplication note Operate by hand only  sealing principle Soft  lounting position Any  ype of control Pilot-controlled  iilot air supply port External low direction Reversible ap Zero overlap  iilot pressure MPa iilot pressure si liot pressure si liot pressure psi Ass. switching frequency  xplosion prevention and protection Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Tomparism gain and pilot media Operation with oil lubrication possible (required for further use) orrosion resistance class (CRC) ABS (PWIS) conformity  VDMA24364-B1/B2-L	Nominal width	6 mm
Soft  Any  ype of control  pilot-controlled  External  low direction  ap  Zero overlap  ilot pressure MPa  ilot pressure  ilot pressure si  lax. switching frequency  xplosion prevention and protection  Zone 1 (ATEX)  Zone 2 (ATEX)	Exhaust air function	With flow control option
lounting position  Any  ype of control  Pilot-controlled  External  Reversible  App  Zero overlap  Jero overlap  J	Application note	Operate by hand only
pype of control    Pilot-controlled	Sealing principle	Soft
External Low direction Reversible  Zero overlap  Zero overlap  Jabar1 MPa  Jabar10 bar  Jabar145 psi  Jax switching frequency  Alax. switching frequency  Zone 1 (ATEX)  Zone 2 (ATEX)  Zone 21 (ATEX)  Zone 22 (ATEX)  Jabar12010 [7:-:-]  Afformation on operating and pilot media  Operation with oil lubrication possible (required for further use)  OTOSION TERMS  ABS (PWIS) conformity  VDMA24364-B1/B2-L	Mounting position	Any
Reversible  Zero overlap  Zero overlap  O.3 MPa1 MPa  ilot pressure MPa  O.3 MPa10 bar  ilot pressure psi  43.5 psi145 psi  lax. switching frequency  xplosion prevention and protection  Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX)  perating medium  Compressed air as per ISO 8573-1:2010 [7:-:-]  orrosion resistance class (CRC)  1 - Low corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L	Type of control	Pilot-controlled
Zero overlap  Zero overlap  Josh MPa1 MPa  Josh MPa1 MPa  Josh MPa10 bar  Josh MPa10 bar  Josh MPa145 psi  Josh MPa10 bar	Pilot air supply port	External
ilot pressure MPa  0.3 MPa1 MPa  3 bar10 bar  43.5 psi145 psi  1ax. switching frequency  xplosion prevention and protection  2one 1 (ATEX) 2one 2 (ATEX) 2one 21 (ATEX) 2one 22 (ATEX)  perating medium  Compressed air as per ISO 8573-1:2010 [7:]  afformation on operating and pilot media  orrosion resistance class (CRC)  DAMA24364-B1/B2-L	Flow direction	Reversible
ilot pressure  3 bar10 bar  43.5 psi145 psi  43.5 psi145	Lap	Zero overlap
43.5 psi145 psi  Aax. switching frequency  D.5 Hz  Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX)  Perating medium  Compressed air as per ISO 8573-1:2010 [7:-:-]  Information on operating and pilot media  Operation with oil lubrication possible (required for further use)  Orrosion resistance class (CRC)  1 - Low corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L	Pilot pressure MPa	0.3 MPa1 MPa
As a switching frequency  problem of the problem of	Pilot pressure	3 bar10 bar
Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)  Apperating medium  Compressed air as per ISO 8573-1:2010 [7:-:-]  Aformation on operating and pilot media Operation with oil lubrication possible (required for further use)  Orrosion resistance class (CRC)  1 - Low corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L	Pilot pressure psi	43.5 psi145 psi
Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Perating medium  Compressed air as per ISO 8573-1:2010 [7:-:-]  Information on operating and pilot media  Operation with oil lubrication possible (required for further use)  Orrosion resistance class (CRC)  1 - Low corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L	Max. switching frequency	0.5 Hz
orrosion resistance class (CRC)  ABS (PWIS) conformity  Operation with oil lubrication possible (required for further use)  1 - Low corrosion stress  VDMA24364-B1/B2-L	Explosion prevention and protection	Zone 2 (ATEX) Zone 21 (ATEX)
orrosion resistance class (CRC)  1 - Low corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L	Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
ABS (PWIS) conformity VDMA24364-B1/B2-L	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
	Corrosion resistance class (CRC)	1 - Low corrosion stress
emperature of medium -10 °C60 °C	LABS (PWIS) conformity	VDMA24364-B1/B2-L
	Temperature of medium	-10 °C60 °C
mbient temperature -10 °C60 °C	Ambient temperature	-10 °C60 °C

Feature	Value
Actuating force	24.5 N
Product weight	161 g
Type of mounting	Optionally: Front panel mounting With through-hole
Pilot air port 12/14	M5
Pilot air port 12	M5
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	1/4 NPT
Pneumatic connection 3	1/4 NPT
Note on materials	RoHS-compliant
Cover material	PA-reinforced
Seals material	NBR
Housing material	Wrought aluminum alloy, anodized