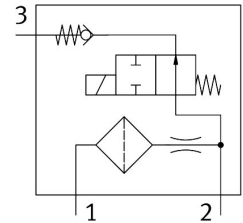


# Pilot control VACC-P2-0.12-K4-5-EX4A

Part number: 8204401

FESTO



## Data sheet

Feature	Value
Actuation type	Electrical
Mounting position	Any
Conforms to standard	ISO 15218
Operating pressure	0.2 MPa...0.6 MPa 2 bar...6 bar 29 psi...87 psi
Air consumption at nominal operating pressure	21000 l/h
Switching time off	40 ms
On switching time	40 ms
Duty cycle	100%
Required current consumption	2 mA
Max. input power $P_i$	2.1 W
Max. input voltage $V_i$	16 V
Max. input current $I_i$	0.33 A
Nominal operating voltage DC	12 V
Max. input parameter of intrinsically safe circuit	See IECEx certificate
Coil characteristics	6 - 16 V DC: 0.012 - 0.1 W
Effective internal capacitance $C_i$	1 nF
Effective internal inductance $L_i$	Negligibly low
CE marking (see declaration of conformity)	As per EU EMC directive as per EU explosion protection directive (ATEX) As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC acc. to UK EX instructions To UK RoHS instructions
Explosion protection certification outside the EU	EPL Db (IEC-EX) EPL Gb (IEC-EX)
Explosion prevention and protection	Zone 1 (ATEX) Zone 1 (IEC-EX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (IEC-EX) Zone 22 (ATEX)

Feature	Value
Certificate issuing authority	BVS 25 ATEX E063 IECEX BVS 25.0061
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex ia IIC/IIB T6/T4 Gb
Type of (ignition) protection for dust	Ex ia IIIC T85°C/135°C Db
Explosive ambient temperature	T4: -25°C ≤ Ta ≤ +60°C T6: -25°C ≤ Ta ≤ +60°C
Operating medium	Compressed air according to ISO 8573-1:2010 [7:2:4]
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-40 °C...80 °C
Degree of protection	IP65 as per IEC 60529
Note on degree of protection	See user documentation
Ambient temperature	-25 °C...60 °C
Max. tightening torque of pneumatic fitting	3 Nm
Product weight	440 g
Electrical connection	Spring-loaded terminal Terminal box, cable entry thread M20x1.5
Cable diameter	4 mm...13 mm
Nominal conductor cross section	0.25 mm <sup>2</sup> ...2.5 mm <sup>2</sup>
Type of mounting	CNOMO
Note on materials	RoHS-compliant
Seals material	EPDM FVMQ VMQ
Housing material	Aluminum, ematal coated
Material of screws	High-alloy stainless steel
Material of winding	Copper