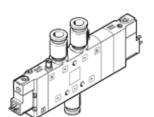
Solenoid valve CPE24-M3H-5/3ES-QS-12 Part number: 170352 Classic - do not use for new projects

High component density

This type is suitable for vacuum.

Modern alternatives can be found by entering the first four characters of the type code in the search field.





FESTO

Data sheet

Type of actuation ele Width 24 Standard nominal flow rate 1,4 Operating pressure MPa -0. Working pressure —0. Design structure Pis Type of reset ———————————————————————————————————	/3 exhausted lectrical 4 mm ,600 l/min 0.09 1 MPa 0.9 10 bar iston slide nechanical spring UL us - Recognized (OL) ee certificate ccording to EU low voltage guideline o UK instructions for electrical equipment 065 vith plug socket o IEC 60529 1 mm
Width 24 Standard nominal flow rate 1,4 Operating pressure MPa -0. Working pressure —0. Design structure Pis Type of reset —6 Authorization —6 Maritime classification —5 CE symbol (see declaration of conformity) —6 UKCA marking (see declaration of conformity) —7 Protection class —6 Nominal size —11 Exhaust-air function —1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4	4 mm ,600 l/min .0.09 1 MPa .0.9 10 bar iston slide nechanical spring UL us - Recognized (OL) ee certificate ccording to EU low voltage guideline o UK instructions for electrical equipment .065 .0165 .0176 .0187 .0
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Operating pressure MPa -0. Working pressure -0. Design structure Pis Type of reset me Authorization c U Maritime classification se CE symbol (see declaration of conformity) ac UKCA marking (see declaration of conformity) To Protection class IPe wi to Nominal size 11 Exhaust-air function this	D.0.9 1 MPa D.9 10 bar iston slide nechanical spring UL us - Recognized (OL) ee certificate ccording to EU low voltage guideline o UK instructions for electrical equipment DES with plug socket o IEC 60529 1 mm
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Maritime classification see CE symbol (see declaration of conformity) ac UKCA marking (see declaration of conformity) To Protection class IPe wi to Nominal size 11 Exhaust-air function this	ee certificate ccording to EU low voltage guideline o UK instructions for electrical equipment 265 vith plug socket o IEC 60529 1 mm
CE symbol (see declaration of conformity) UKCA marking (see declaration of conformity) Protection class IPC wi to Nominal size Exhaust-air function	ccording to EU low voltage guideline o UK instructions for electrical equipment P65 with plug socket o IEC 60529 1 mm
UKCA marking (see declaration of conformity) Protection class IPG wi to Nominal size Exhaust-air function	o UK instructions for electrical equipment P65 vith plug socket o IEC 60529 1 mm
UKCA marking (see declaration of conformity) Protection class IPG wi to Nominal size Exhaust-air function	o UK instructions for electrical equipment P65 vith plug socket o IEC 60529 1 mm
Nominal size 11 Exhaust-air function thi	vith plug socket DIEC 60529 1 mm
to Nominal size 11 Exhaust-air function this	D IEC 60529 1 mm
Nominal size 11 Exhaust-air function the	1 mm
Exhaust-air function thi	
	nrottleable
Sealing principle so	oft
Assembly position An	ny
	rith accessories, detenting
Pu	ushing
Type of piloting Pil	iloted
Pilot air supply ex	xternal
Flow direction rev	eversible
Valve position identification La	abel holder
Lap	ositive overlap
Pilot pressure MPa 0.2	.25 1 MPa
Pilot pressure 2.1	.5 10 bar
Switching time off 55	5 ms
Switching time on 25	5 ms
Duty cycle 10	00 %
Max. positive test pulse with logic 0 3,3	,300 μs
	,100 μs
Characteristic coil data 23	30 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA
	15 % / +10 %
	ompressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium Lu	ubricated operation possible (subsequently required for further
1 '	peration)
Vibration resistance Transfer 94	ransport application test at severity level 2 in accordance with FN



Feature	Value
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN
	60068-2-27
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-5 50 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 50 °C
Electrical connection	Plug pattern type C to EN 175301-803
Mounting type	with through hole
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection, port 1	QS-12
Pneumatic connection, port 2	QS-12
Pneumatic connection, port 3	G3/8
Pneumatic connection, port 4	QS-12
Pneumatic connection, port 5	G3/8
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminum die cast