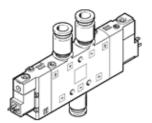
solenoid valve CPE24-M1H-5J-QS-12 Part number: 163183

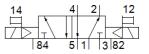
High component density



Data sheet

Valve function5/2 bistableType of actuationelectricalWidth24 mmStandard nominal flow rate1.650 l/minOperating pressure2 10 barDesign structurePiston slideAuthorisationc UL us - Recognized (0L)Martime classificationsee certificateProtection classIP65with plug socketto IEC 69529Nominal size11 mmExhaust air functionthrottleableSeamburg positionAnyManual overridewith accessories, detentingPostorial overridepushingYup of pilotingPilotedPilotednor reversibleSwitching time reversal25 msSwitching time reversal25 msDuty cycle100 %Max, positive test pulse with logic 03300 µsMax, positive test pulse with logic 125 % / 100 %Max, positive test pulse with logic 125 % / 100 %Permissible voltage fluctuation15 % / 100 %Operating mediumCompressed air na cordance with IS08573-1:2010[7:4:4]Note on perture gand pilot medium25 % / 100 %Operating medium5 ms Cordance with IS08573-1:2010[7:4:4]Note on perture gand pilot medium15 % / 100 %Operating mediumCompressed air na cordance with IS08573-1:2010[7:4:4]Note on perture gand pilot medium25 % / 100 %Operating mediumCompressed air na cordance with IS08573-1:2010[7:4:4]Note on perture gand pilot medium15 % / 100 %Operati	Feature	Value
Width 24 mm Standard nominal flow rate 1.650 l/min Operating pressure 210 bar Design structure Piston silde Authorisation cll us - Recognized (OL) Martime classification see certificate Protection class With plug socket to IEC 60529 Nominal size Nominal size 11 mm Exhaust-air function Any Manual override with accessories, detenting Assembly position Any Manual override With accessories, detenting Plot air supply Internal Flow direction nor reversible Toype of piloting Piloted Pilot air supply Internal Flow direction nor reversible Switching time reversal 25 ms Duty cycle 3.00 µs Max. positive test pulse with logic 0 3.300 µs Max. positive test pulse with logic 1 15 % /+10 % Operating medium Compressed air in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance <td>Valve function</td> <td>5/2 bistable</td>	Valve function	5/2 bistable
Standard nominal flow rate 1,650 l/min Operating pressure 2 10 bar Design structure Piston silde Authorisation c UL us - Recognized (OL) Maritime classification see certificate Protection class IP65 with plug socket to EC 60529 Nominal size 11 mm Exhaust air function throttleable Sealing principle soft Assembly position Any Manual override with accessories, detenting Pushing Piloted Pilot air supply Internal Flow direction non reversible Valve position identification inscription label holder Owerlap Positive overlap Switching time reversal 25 ms Duty cycle 100 % Max, positive test pulse with logic 0 3,300 µs Max, positive test pulse with logic 1 3,100 µs Characteristic coil data 24 VD C1.15 W Permissible voltage fluctuation 15% / ±10% Operating medium Lubricated operation possible (subsequently requiced for further operation) <	Type of actuation	electrical
Operating pressure 2 10 bar Design structure Piston slide Authorisation CIL Us - Recognized (0L) Martine classification see certificate Protection class IP65 with plug socket to EC 69529 Nominal size 11 mm Exhaust-air function throttleable Saaling principle soft Assembly position Any Manual override with accessories, detenting Plot air supply Internal Row direction non reversible Plot air supply Internal Row direction non reversible Switching time reversal 25 ms Duty cycle 3.00 µs Max. positive test pulse with logic 0 3.300 µs Max. positive test pulse with logic 1 3.100 µs Characteristic coli data 24 VD C: 1.5 W Permissible voltage fluctuation 15 % / 10 % Operating medium Compressed air in accordance with ISOB573-1:2010 [7:4:4] Note on operating and pilot medium 24 VD C: 1.5 W Operating med	Width	24 mm
Design structure Piston silde Authorisation C UL us - Recognized (OL) Martime classification see certificate Protection class IP65 with plug socket to IEC 60529 Nominal size 11 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override with accessories, detenting Pushing Piloted Pilot air supply Internal Flow direction non reversible Overlap Positive overlap Switching time reversal 25 ms Duty cycle 100 % Max. negative test pulse with logic 1 3,100 µs Characteristic coil data 24 V Dc: 1.5 W Permissible voltage fluctuation 15 % /+10 % Operating medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 <tr< td=""><td>Standard nominal flow rate</td><td>1,650 l/min</td></tr<>	Standard nominal flow rate	1,650 l/min
Design structure Piston silde Authorisation c UL us - Recognized (OL) Maritime classification see certificate Protection class IP65 with plug socket to IEC 60529 Nominal size 11 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override With accessories, detenting Pushing Ploted Plot air supply Internal Flow direction non reversible Valve position identification Inscription label holder Overlap Positive overlap Switching time reversal 25 ms Duty cycle 100 % Max, negative test pulse with logic 1 3,300 µs Characteristic coil data 24 V Dc: 1.5 W Permissible voltage fluctuation -15 % /+10 % Operating medium Compressed air in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Sho °C Mounting type With through hole	Operating pressure	2 10 bar
Maritime classification see certificate Protection class IP65 with plug socket to IEC 60529 Nominal size 11 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override with accessories, detenting Pushing Ploted Pilot air supply Internal Flow direction non reversible Valve position identification Inscription label holder Overlap Positive overlap Switching time reversal 25 ms Duty cycle 100 % Max, positive test pulse with logic 0 3.300 µs Max, negative test pulse with logic 1 3.100 µs Characteristic coil data 24 V DC: 1.5 W Permissible Outage fluctuation -15 % / +10 % Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Valuation resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock test with severity l		Piston slide
Protection class IP65 with plug socket to IEC 60529 Nominal size 11 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override Pushing Pushing Piloted Pilot air supply Internal Row direction non reversible Vale position identification Inscription label holder Overlap Positive overlap Switching time reversal 25 ms Duty cycle 100 % Max, negative test pulse with logic 1 3.100 µs Characteristic coil data 24 V DC: 1.5 W Permissible outlage fluctuation 15 % / 10 % Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium operation Suble scuesquently required for further operation operati	Authorisation	c UL us - Recognized (OL)
with plug socket to IEC 60529Nominal size11 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overrideWith accessories, detenting PushingPushingPilotedPilot air supplyInternalFlow directionnon reversibleValve position identificationInscription label holderOverlapPositive overlapSwitching time reversal25 msDuty cycle100 %Max. positive test pulse with logic 03,300 µsMax. positive test pulse with logic 13,100 µsCharacteristic coll data24 V DC: 1.5 WPermissible voltage fluctuation15 % / +10 %Operating mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Note on operating and pilot mediumShock test with severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock test sither exersalShock test with severity level 2 in accordance with FN 942017-4 and EN 60068-2-7Corrosion resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7Medium temperature5 50 °CAmbient temperature5 50 °CArbient temperature5 50 °CElectrical connectionMgsPilot exhaust port 82MsPilot exhaust port 82Ms	Maritime classification	see certificate
InInNominal size11 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridewith accessories, detentingPushingPlotedPilot air supplyPlotedPilot air supplynon reversibleValve position identificationnon reversibleOverlapPositive overlapSwitching time reversal25 msDuty cycle100 %Max. negative test pulse with logic 03,000 µsCharacteristic coil data24 VDC: 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibraton resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 942017-4 and EN 80068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-4 and EN 80068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-4 and EN 80068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 942017-4 and EN 80068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 942017-5 and EN 9668-2-6Medium temperature-550 °CArbier termerature-550 °C<	Protection class	IP65
Nominal size 11 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override with accessories, detenting Pushing Ploted Pilot air supply Internal Flow direction non reversible Valve position identification Inscription label holder Overlap Positive overlap Switching time reversal 25 ms Duty cycle 100 % Max. positive test pulse with logic 0 3,300 µs Max. positive test pulse with logic 1 3,100 µs Characteristic cil data 24 V DC: 1.5 W Permissible voltage fluctuation -15 % / ±10 % Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock test sistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock test sistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 <td></td> <td>with plug socket</td>		with plug socket
Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override Pushing Pushing Ploted Plot air supply Internal Flow direction non reversible Valve position identification Inscription label holder Overlap Positive overlap Switching time reversal 25 ms Duty cycle 100 % Max. negative test pulse with logic 0 3,300 µs Max. negative test pulse with logic 1 3,100 µs Characteristic coil data 24 V DC: 1.5 W Permissible voltage fluctuation -15 % / +10 % Operating medium Compressed air in accordance with ISO8573-11:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible [subsequently required for further operation) yeardium Compressed air in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance classification CRC 2 - Moderate corrosion stress Medium temperature -5 50 °C <td></td> <td>to IEC 60529</td>		to IEC 60529
Sealing principle soft Assembly position Any Manual override with accessories, detenting Pushing Pushing Type of piloting Piloted Pilot air supply Internal Flow direction non reversible Valve position identification Inscription label holder Overlap Positive overlap Switching time reversal 25 ms Duty cycle 100 % Max. positive test pulse with logic 0 3,300 µs Max. positive test pulse with logic 1 3,100 µs Characteristic coil data 24 V DC: 1.5 W Permissible voltage fluctuation -15 % / 10 % Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance classification CRC 2 - Moderate corrosion stress Medium temperature -5 50 °C Electrical connection Plug pattern type C to EN 175301-803 Mounting type with through hole <td>Nominal size</td> <td>11 mm</td>	Nominal size	11 mm
Assembly position Any Manual override with accessories, detenting Pushing Pushing Type of piloting Piloted Pilot air supply Internal Flow direction non reversible Overlap Positive overlap Switching time reversal 25 ms Duty cycle 100 % Max. negative test pulse with logic 0 3,300 µs Max. negative test pulse with logic 1 3,100 µs Characteristic coil data 24 V Dc: 1.5 W Permissible voltage fluctuation -15 % / +10 % Operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature 5 50 °C Ambient temperature 5 50 °C Electrical connection Plug pattern type C to EN 175301-803	Exhaust-air function	throttleable
Manual override with accessories, detenting Pushing Piloted Type of piloting Piloted Pilot air supply Internal Flow direction non reversible Valve position identification Inscription label holder Overlap Positive overlap Switching time reversal 25 ms Duty cycle 100 % Max. negative test pulse with logic 0 3,300 µs Max. negative test pulse with logic 1 3,100 µs Characteristic coil data 24 V DC: 1.5 W Permissible voltage fluctuation -15 % / +10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature -5 50 °C Ambient temperature -5 50 °C Electrical connection Plug pattern type C to EN 1753	Sealing principle	soft
PushingType of pilotingPilotedPilot air supplyInternalFlow directionnon reversibleValve position identificationInscription label holderOverlapPositive overlapSwitching time reversal25 msDuty cycle100 %Max. positive test pulse with logic 03,300 µsMax. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Not on operating and pilot mediumoperation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CAmbient temperature-5 50 °CPilot exhaust port 82M5Pilot exhaust port 82M5Pilot air port 12M5	Assembly position	Any
Type of pilotingPilotedPilotedInternalPilot air supplyInternalFlow directionnon reversibleValve position identificationInscription label holderOverlapPositive overlapSwitching time reversal25 msDuty cycle100 %Max. nogstive test pulse with logic 03,300 µsMax. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC: 1.5 WPermissible voltage fluctuation-15 % / 10 %Operating mediumCompressed air in accordance with IS08573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot air port 12M5	Manual override	with accessories, detenting
InternalFlot air supplyInternalFlow directionnon reversibleValve position identificationInscription label holderOverlapPositive overlapSwitching time reversal25 msDuty cycle100 %Max. positive test pulse with logic 03,300 µsMax. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC: 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceShock test with severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-77Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CAmbient temperature-5 50 °CFlot air port 12M5		Pushing
How directionnon reversibleValve position identificationInscription label holderOverlapPositive overlapSwitching time reversal25 msDuty cycle100 %Max. positive test pulse with logic 03,300 µsMax. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC: 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceShock test with severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature Ambient temperature-5 50 °CAmbient temperature Pilot exhaust port 82M5Pilot air port 12M5	Type of piloting	Piloted
Valve position identificationInscription label holderOverlapPositive overlapSwitching time reversal25 msDuty cycle100 %Max. positive test pulse with logic 03,300 µsMax. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC: 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with IS08573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Medium temperature-5 50 °CAmbient temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mouring typewith through holePilot exhaust port 82M5Pilot air port 12M5	Pilot air supply	Internal
OverlapPositive overlapSwitching time reversal25 msDuty cycle100 %Max. positive test pulse with logic 03,300 µsMax. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC: 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot axia st port 12M5	Flow direction	non reversible
OverlapPositive overlapSwitching time reversal25 msDuty cycle100 %Max. positive test pulse with logic 03,300 µsMax. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC: 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot axia st port 12M5	Valve position identification	Inscription label holder
Duty cycle100 %Max. positive test pulse with logic 03,300 µsMax. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC: 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CIlectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot air port 12M5	Overlap	Positive overlap
Duty cycle100 %Max. positive test pulse with logic 03,300 µsMax. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC: 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CIlectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot air port 12M5	Switching time reversal	25 ms
Max. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC: 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot air port 12M5		
Max. negative test pulse with logic 13,100 µsCharacteristic coil data24 V DC: 1.5 WPermissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot air port 12M5		3,300 µs
Permissible voltage fluctuation-15 % / +10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot air port 12M5		
Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot air port 12M5	Characteristic coil data	24 V DC: 1.5 W
Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot exhaust port 84M5Pilot air port 12M5	Permissible voltage fluctuation	-15 % / +10 %
Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot exhaust port 84M5Pilot air port 12M5	Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot exhaust port 84M5Pilot air port 12M5		Lubricated operation possible (subsequently required for further
60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot exhaust port 84M5Pilot air port 12M5	Vibration resistance	
Medium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot exhaust port 84M5Pilot air port 12M5	Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN
Medium temperature-5 50 °CAmbient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot exhaust port 84M5Pilot air port 12M5	Corrosion resistance classification CRC	
Ambient temperature-5 50 °CElectrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot exhaust port 84M5Pilot air port 12M5		
Electrical connectionPlug pattern type C to EN 175301-803Mounting typewith through holePilot exhaust port 82M5Pilot exhaust port 84M5Pilot air port 12M5		
Mounting typewith through holePilot exhaust port 82M5Pilot exhaust port 84M5Pilot air port 12M5	•	
Pilot exhaust port 82 M5 Pilot exhaust port 84 M5 Pilot air port 12 M5		
Pilot exhaust port 84 M5 Pilot air port 12 M5		
Pilot air port 12 M5		
	Pilot air port 14	M5

FESTO



FESTO

Feature	Value
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	Aluminium die cast