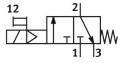
On/off valve HEE-1/4-D-MINI-230 Part number: 165073



Data sheet

DesignPiston gate valveType of actuationElectricSealing principleSoftSchaust-air functionWithout flow control optionManual overrideDetentingType of resetMechanical springYole of resetMechanical springValve function3/2-way, closed, monostableOperating pressure0.25 MPa1.6 MPa 2.5 bar16 barIapOverlapC value71/Sbarb value0.31Standard nominal flow rate (standardised to DIN 1343)1500 l/minDuty cycle100%Characteristic coil data23 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to 150 8573-1:2010 [7:4:4] Inet gasesNote on operating and pilot mediumCompressed air to 150 8573-1:2010 [7:4:4] Inet gasesNote on operating and pilot mediumvDMA24364-B1/B2-1Abdis (see declaration of conformity)To UX (see declaration of conformity)Make (see declaration of conformity)To UX regulations for electrical equipmentType of mountingIn-line installation With accessoriesNouting positionJoursepilonalFunctionVDMA2436-B1/B2-1Media temperature-10 °C60 °CC marking (see declaration of conformity)To UX regulations for electrical equipmentType of mountingIn-line installation With accessoriesNouting positionpotionalNouting positionpotionalNouting posit	Feature	Value
Sealing principle Soft Exhaust-air function Without flow control option Manual override Detenting Type of preset Mechanical spring Valve function 3/2-way, closed, monostable Operating pressure 0.25 MPa1.6 MPa 2.5 bar16 bar Detenting lap Overlap C value 7 l/sbar b value 0.31 Standard nominal flow rate (standardised to DIN 1343) 1500 l/min Duty cycle 100% Characteristic coil data 230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VA Permissible voltage fluctuations 14 % / 10 % Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Intert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 - Moderate corrosion stress Note on materials RoH5-compliant LABS (PWIS) conformity VDMA24364-B1/B2-L Media temperature 10 °C60 °C CE mark (see declaration of conformity) To EU Low Voltage Directive	Design	Piston gate valve
ChanceWithout flow control optionManual overrideDetentingType of resetMechanical springType of pilotingPilot actuatedValve function3/2-way, closed, monostableOperating pressure0.25 MPa 1.6 MPa2.5 bar16 barIapOverlapOverlapC value7 l/sbarb value0.31Standard nominal flow rate (standardised to DIN 1343)1500 l/minDuty cycle100%Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C 60 °CAmbient temperature-10 °C 60 °CCR marking (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Type of actuation	Electric
Manual overrideDetentingType of resetMechanical springType of pilotingPilot actuatedValve function3/2-way, closed, monostableOperating pressure0.25 MPa1.6 MPa 2.5 bar16 barlapOverlapC value7 1/5barb value0.31Standard nominal flow rate (standardised to DIN 1343)1500 l/minDuty cycle100%Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating and pilot mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)ABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CAmbient temperature10 °C60 °CAmbient temperature10 °C60 °CTharking (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To EU Low Voltage DirectiveType of mountingIn-line installation With accessoriesMounting positionoptional	Sealing principle	Soft
Type of resetMechanical springType of resetMechanical springType of pilotingPilot actuatedValve function3/2-way, closed, monostableOperating pressure0.25 MPa1.6 MPa 2.5 bar16 barlapOverlapC value7 1/sbarb value0.31Standard nominal flow rate (standardised to DIN 1343)1500 1/minDuty cycle100%Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCharak (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Exhaust-air function	Without flow control option
Type of pilotingPilot actuatedValve function3/2-way, closed, monostableOperating pressure0.25 MPa1.6 MPa 2.5 bar16 barlapOverlapC value7 l/sbarb value0.31Standard nominal flow rate (standardised to DIN 1343)1500 l/minDuty cycle100%Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Iner gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)CARS (PWIS) conformityVDM24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CC E mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Manual override	Detenting
All of display="block">Note on perating pressure3/2-way, closed, monostableOperating pressure0.25 MPa1.6 MPa 2.5 bar16 barlapOverlapC value7 l/sbarb value0.31Standard nominal flow rate (standardised to DIN 1343)1500 l/minDuty cycle100%Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Type of reset	Mechanical spring
Operating pressure0.25 MPa1.6 MPa 2.5 bar16 barlapOverlapC value7 l/sbarb value0.31Standard nominal flow rate (standardised to DIN 1343)1500 l/minDuty cycle100%Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To EU Low Voltage DirectiveMounting positionoptional	Type of piloting	Pilot actuated
2.5 bar16 barlapOverlapC value7 l/sbarb value0.31Standard nominal flow rate (standardised to DIN 1343)1500 l/minDuty cycle100%Characteristic coll data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To IUK regulations for electrical equipmentType of mountingin-line installation With accessoriesMounting positionoptional	Valve function	3/2-way, closed, monostable
C value7 l/sbarb value0.31Standard nominal flow rate (standardised to DIN 1343)1500 l/minDuty cycle100%Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingpotional	Operating pressure	
b value0.31Standard nominal flow rate (standardised to DIN 1343)1500 l/minDuty cycle100%Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	lap	Overlap
Standard nominal flow rate (standardised to DIN 1343)1500 l/minDuty cycle100%Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	C value	7 l/sbar
Duty cycle100%Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	b value	0.31
Characteristic coil data230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VAPermissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Standard nominal flow rate (standardised to DIN 1343)	1500 l/min
Permissible voltage fluctuations-14 % / +10 %Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 · Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Duty cycle	100%
Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4] Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Characteristic coil data	230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VA
Inert gasesNote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Permissible voltage fluctuations	-14 % / +10 %
always be required)Corrosion resistance class CRC2 - Moderate corrosion stressNote on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Operating medium	
Note on materialsRoHS-compliantLABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Note on operating and pilot medium	
LABS (PWIS) conformityVDMA24364-B1/B2-LMedia temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Corrosion resistance class CRC	2 - Moderate corrosion stress
Media temperature-10 °C60 °CAmbient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	Note on materials	RoHS-compliant
Ambient temperature-10 °C60 °CCE mark (see declaration of conformity)To EU Low Voltage DirectiveUKCA marking (see declaration of conformity)To UK regulations for electrical equipmentType of mountingIn-line installation With accessoriesMounting positionoptional	LABS (PWIS) conformity	VDMA24364-B1/B2-L
CE mark (see declaration of conformity) To EU Low Voltage Directive UKCA marking (see declaration of conformity) To UK regulations for electrical equipment Type of mounting In-line installation Mounting position optional	Media temperature	-10 °C60 °C
UKCA marking (see declaration of conformity) To UK regulations for electrical equipment Type of mounting In-line installation With accessories Optional	Ambient temperature	-10 °C60 °C
Type of mounting In-line installation With accessories Mounting position Optional Optional	CE mark (see declaration of conformity)	To EU Low Voltage Directive
With accessories Mounting position optional	UKCA marking (see declaration of conformity)	To UK regulations for electrical equipment
	Type of mounting	
Flow direction Non-reversible	Mounting position	optional
	Flow direction	Non-reversible

FESTO



Feature	Value
Product weight	223 g
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/8
Air purity class at output	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases
Electrical connection	Type C Plugs To DIN EN 175301-803
Signal status display	With accessories
Material seals	NBR
Material housing	Die-cast aluminium