



060-509666

Pressure switch, KP5
Regulation range [bar] Pe: 8 - 32, Differential [bar]: 1.8 - 6, Contact function: SPDT, Reset function: Auto, Pressure connection type: Flare, Pressure connection size: 1/4, Pressure Male/Female: Male, Enclosure rating IP: IP44, Max. Working Pressure [bar]: 35

Product details

Characteristic	Value
Gross weight	0.322 Kilogram
Net weight	0.287 Kilogram
Volume	0.562 Liter
EAN	5702428012447
Type	KP5
Product group	Switches and thermostats
Product Name Description	Pressure switch
Amb. Temp. Note	80 °C/176 °F for max 120 min
Ambient temperature range [°C] [max]	65 °C
Ambient temperature range [°C] [min]	-40 °C
Ambient temperature range [°F] [max]	149 °F
Ambient temperature range [°F] [min]	-40 °F
Application note	Not applicable for liquid line
Approval	BV, CCC, CE, CMIM, DNV, EAC, GL, LLC CDC EURO-TYSK, LR, LVD, RINA, RMRS, RoHS China, c UL us UL873, CS C22.2
CE mark	Yes
China RoHS compliance	Yes
Contact function	SPDT
Contact rating	AC15=10 A, 400 V AC1=16 A, 400 V AC3=16 A, 400 V DC13=12 W, 220 V LR=112 A, 400 V
Contains batteries	No
Differential [bar] [max]	6 bar

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Product details

Characteristic	Value
Differential [bar] [min]	1.8 bar
Differential [psi] [max]	87 psi
Differential [psi] [min]	26 psi
EEE category	5 small equipment (any external dimension < 50 cm)
Electrical connection	Rubber cable gland
Electrical connection size	6-14 mm
EN 60947 electrical properties	Insulation: 400V Pollution degree: 3 Rated impulse voltage: 4 kV Short circuit prot, fuse: 16A
EN 60947 wiring properties	Flex, ferrules: 0.5-1.5 mm ² Flex, no ferrules: 0.7-2.5 mm ² Solid/stranded: 0.75-2.5 mm ²
Enclosure rating IP	IP44
Enclosure rating Nema (~)	2
EU RoHS compliance	Yes
EU RoHS exemption clause	No
Identical product	060-117166
In scope of WEEE	Yes
Lubricants compatibility	Oilfree applications
Max. test pressure [bar] Pe	35 bar
Max. test pressure [psig]	510 psig
Max. Working Pressure [bar]	35 bar
Max. Working Pressure [psig]	510 psig
Oil free refrigerants	R134a R513A R515B
Packing format	Industrial pack
Pressure connection size	1/4
Pressure connection standard	DIN 8906
Pressure connection type	Flare
Pressure Male/Female	Male
Pressure sensing element	Bellows
Product accessories	Switches accessories

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Product details

Characteristic	Value
Product description	Pressure Switch
Quantity per packing format	40 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1) Cadmium oxide (CAS no.1306-19-0)
Refrigerants	R113, R1234yf, R1234yz, R1234ze(E), R124, R134a, R22, R404A, R407A, R407C, R407F, R407H, R422B, R422D, R438A, R448A, R449A, R449B, R450A, R452A, R454C, R455A, R507A, R513A, R515B, R1233zd(E)
Regulation range [bar] Pe [max]	32 bar
Regulation range [bar] Pe [min]	8 bar
Regulation range [psig] Pe [max]	464 psig
Regulation range [psig] Pe [min]	116 psig
Reset function	Auto
SCIP dossier no.	1b8fc5ed-65e2-48fc-8738-8cce613a9786
SCIP dossier product name	KP KPI
Serviceable	No
UL approval file name	E31024
UL approved refrigerants	R113, R124, R134a, R22, R404A, R407A, R407C, R407F, R407H, R422B, R422D, R438A, R448A, R449A, R449B, R450A, R452A, R507A, R513A, R515B
UL mark	Yes

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

Accessories



[060-019366](#) [🔗](#)

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 50



[060-019066](#) [🔗](#)

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 50

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Accessories



[017-420566](#)

Switches accessories, Reducing Nipple

Type designation: Reducing nipple, Packing format: Multi pack, Quantity per packing format: 5



[023U8001](#)

FSA, Flare, Solder, ODF, Adapter

Product Type: FSA, Inlet connection type: Flare, Outlet connection type: Solder, ODF, Adapter



[023U8002](#)

FSA, Flare, Solder, ODF, Adapter

Product Type: FSA, Inlet connection type: Flare, Outlet connection type: Solder, ODF, Adapter



[023U8011](#)

FSA, Flare, Solder, ODF, Adapter

Product Type: FSA, Inlet connection type: Flare, Outlet connection type: Solder, ODF, Adapter



[023U8012](#)

FSA, Flare, Solder, ODF, Adapter

Product Type: FSA, Inlet connection type: Flare, Outlet connection type: Solder, ODF, Adapter



[023U8041](#)

FSA, Flare, Solder, ODF, Adapter

Product Type: FSA, Inlet connection type: Flare, Outlet connection type: Solder, ODF, Adapter



[060-000466](#)

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 50



[060-000566](#)

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 50



[060-001166](#)

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 50



[060-002366](#)

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Multi pack, Quantity per packing format: 50

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Accessories



[060-003166](#) 

Switches accessories, Cap

Type designation: Cap, Used for product: KP single, Packing format: Multi pack, Quantity per packing format: 7



[060-005966](#) 

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 100



[060-007066](#) 

Switches accessories, Capillary Tube Min. 50 pcs.

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 50



[060-008666](#) 

Switches accessories, Front cover

Type designation: Front cover, Used for product: KP single, Packing format: Multi pack, Quantity per packing format: 6



[060-016366](#) 

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Multi pack, Quantity per packing format: 40



[060-016866](#) 

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Multi pack, Quantity per packing format: 40



[060-017666](#) 

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Multi pack, Quantity per packing format: 40



[060-018966](#) 

Switches accessories, Locking plate

Type designation: Locking plate, Parts included: 1x screw M3x5, Packing format: Multi pack, Quantity per packing format: 20



[060-019166](#) 

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 50



[060-019266](#) 

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 50

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Accessories



[060-033066](#) 

Switches accessories, IP55 Enclosure For KP (Single)

Type designation: IP55 enclosure, Used for product: KP single, Packing format: Multi pack, Quantity per packing format: 30



[060-062866](#) 

Switches accessories, IP55 Transparent Enclosure

Type designation: IP55 enclosure, Used for product: KP single, Packing format: Multi pack, Quantity per packing format: 30



[060-104866](#) 

Switches accessories, Damping device

Type designation: Damping device, Used for product: KP, Packing format: Multi pack, Quantity per packing format: 20



[060-105566](#) 

Switches accessories, Mounting bracket

Type: Accessory, Used for product: KP; MP, Mounting bracket, Packing format: Multi pack, Quantity per packing format: 10



[060-105666](#) 

Switches accessories, Mounting bracket

Type: Accessory, Used for product: KP; MP, Mounting bracket, Packing format: Multi pack, Quantity per packing format: 10



[060-105766](#) 

Switches accessories, Seal screw

Type designation: Seal screw, Used for product: KP, Packing format: Multi pack, Quantity per packing format: 20



[060-105966](#) 

Switches accessories, Screwed Cable Entry With Nut

Type designation: Cable gland, Packing format: Multi pack, Quantity per packing format: 5



[060-109766](#) 

Switches accessories, Top cover, KP single

Type designation: Top cover, Used for product: KP single, Packing format: Multi pack, Quantity per packing format: 10



[060-333866](#) 

Switches accessories, Transition Nipple

Type designation: Reducing nipple, Packing format: Multi pack, Quantity per packing format: 20

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Accessories



[060-004866](#)

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Multi pack, Quantity per packing format: 50



[060-007166](#)

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 40



[060-007266](#)

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Industrial pack, Quantity per packing format: 50



[060-016766](#)

Switches accessories, Capillary Tube

Type designation: Capillary tube, Packing format: Multi pack, Quantity per packing format: 50



[060-017166](#)

Capillary tube

Type designation: Capillary tube, Used for product: RT; WVS; WVFx; KP; WVO; MP, Packing format: Multi pack, Quantity per packing format: 50

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