

**060-110191****Pressure switch, KP1**

This product is not available in this store. Please contact your local [Customer Service Center](#).

Customer Service Center

Regulation range [bar] Pe: -0.2 - 7.5, Differential [bar]: 0.7 - 4, 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]: 17

PRODUCT DETAILS

Gross weight	0.336 Kilogram
Net weight	0.3 Kilogram
EAN	5702424497736
Type	KP1
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]	-25 °C
Ambient temperature range [°F] [max]	149 °F
Ambient temperature range [°F] [min]	-13 °F
Application note	Not applicable for liquid line
Approval	BV CCC CE DNV GL LR LVD PED RINA RMRS RoHS China c UL us UL353, CS C22.2 c UL us UL873, CS C22.2
CE evaluated	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
Contain batteries	No
Differential [bar] [max]	4 bar

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Product Detail | Pressure switch, KP1

PRODUCT DETAILS

Differential [bar] [min]	0.7 bar
Differential [psi] [max]	58 psi
Differential [psi] [min]	10 psi
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
Fluid Group	1
Lubricants compatibility	Oilfree applications
Max. test pressure [bar] Pe	20 bar
Max. test pressure [psig]	290 psig
Max. Working Pressure [bar]	17 bar
Max. Working Pressure [psig]	245 psig
Oil free refrigerants	R134a R513A R515B
Other RoHS documentation	Saudi Arabia RoHS
Packing format	Multi pack
PED category	IV
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
Product description	Pressure Switch
Quantity per packing format	36 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerants	R113 R1234yf R1234yz R1234ze(E) R124 R134a R22 R404A R407A R407C R407F R407H R422B R422D R438A R448A

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PRODUCT DETAILS

	R449A
	R449B
	R450A
	R452A
	R454C
	R455A
	R507A
	R513A
	R515B
Regulation range	6 inHg - 108 psig
Regulation range [bar] Pe [max]	7.5 bar
Regulation range [bar] Pe [min]	-0.2 bar
Reset function	Auto
SCIP dossier no.	b1323c86-8856-44cc- b1c6-6849abe37ee4
SCIP dossier product name	KP/KPI pressure switch
Serviceable	No
UL approval file name	E31024 MH27572
UL approved refrigerants	R113 R124 R134a R22 R404A R407A R407C R407F R407H R422B R422D R438A R448A R449A R449B R450A R452A R507A R513A R515B
UL evaluated	Yes

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

Accessories



060-019066 [🔗](#)

Switches accessories, Capillary Tube

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

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Accessories



060-019366 [🔗](#)

Switches accessories, Capillary Tube

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



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



060-005966 [🔗](#)

Switches accessories, Capillary Tube

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



060-017666 [🔗](#)

Switches accessories, Capillary Tube

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

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Accessories



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



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



060-104866 [🔗](#)

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



060-000566 [🔗](#)

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



060-003166 [🔗](#)

Switches accessories, Cap

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



060-004866 [🔗](#)

Switches accessories, Capillary Tube

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

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Accessories



060-007066 [🔗](#)

Switches accessories, Capillary Tube Min. 50 pcs.

Type designation: Capillary tube, Packing format: Industrial 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



060-008666 [🔗](#)

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



060-016766 [🔗](#)

Switches accessories, Capillary Tube

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



060-016866 [🔗](#)

Switches accessories, Capillary Tube

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



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



060-018966 [🔗](#)

Switches accessories, Locking plate

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



060-062866 [🔗](#)

Switches accessories, IP55 Transparent Enclosure

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

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

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Accessories

**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

Used in

**060-019066** [🔗](#)**Switches accessories, Capillary Tube**

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

**060-019366** [🔗](#)**Switches accessories, Capillary Tube**

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

**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

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Used in

**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

**060-005966** [🔗](#)**Switches accessories, Capillary Tube**

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

**060-017666** [🔗](#)**Switches accessories, Capillary Tube**

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

**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

**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

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Used in



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



060-000566 [🔗](#)

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



060-003166 [🔗](#)

Switches accessories, Cap

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



060-004866 [🔗](#)

Switches accessories, Capillary Tube

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



060-007066 [🔗](#)

Switches accessories, Capillary Tube Min. 50 pcs.

Type designation: Capillary tube, Packing format: Industrial 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

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Used in

**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

**060-016766** [🔗](#)**Switches accessories, Capillary Tube**

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

**060-016866** [🔗](#)**Switches accessories, Capillary Tube**

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

**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

**060-018966** [🔗](#)**Switches accessories, Locking plate**

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

**060-062866** [🔗](#)**Switches accessories, IP55 Transparent Enclosure**

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

**060-105666** [🔗](#)**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

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Used in



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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