

**060-117166** **Pressure Switch, KP5**

Regulation range [bar] Pe: 8.00 - 32.00, Differential [bar]: 1.80 - 6.00,  
 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]: 35.0

**PRODUCT DETAILS**

<b>Gross weight</b>	0.34 Kg
<b>Net weight</b>	0.308 Kg
<b>Volume</b>	0.571 Liter
<b>EAN</b>	5702422025931
<b>Amb. Temp. Note</b>	80 °C/176 °F for max 120 min
<b>Ambient temperature range [°C] [max]</b>	65 °C
<b>Ambient temperature range [°C] [min]</b>	-40 °C
<b>Ambient temperature range [°F] [Max]</b>	149 °F
<b>Ambient temperature range [°F] [Min]</b>	-40 °F
<b>Application note</b>	Not applicable for liquid line
<b>Approval</b>	BV CCC CE CMIM DNV EAC GL LLC CDC EURO-TYSK LR LVD PZH RINA RMRS RoHS China c UL us UL873, CS C22.2 UKCA
<b>Contact function</b>	SPDT
<b>Contact rating</b>	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
<b>Differential [bar] [Max]</b>	6 bar
<b>Differential [bar] [Min]</b>	1.8 bar
<b>Differential [psi] [Max]</b>	87 psi
<b>Differential [psi] [Min]</b>	26 psi

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

## Product Detail | Pressure Switch, KP5

## PRODUCT DETAILS

<b>Electrical connection</b>	Rubber cable gland
<b>Electrical connection size</b>	6-14 mm
<b>EN 60947 electrical properties</b>	Pollution degree: 3 Rated impulse voltage: 4 kV Insulation: 400V Short circuit prot, fuse: 16A
<b>EN 60947 wiring properties</b>	Flex, ferrules: 0.5-1.5 mm <sup>2</sup> Flex, no ferrules: 0.7-2.5 mm <sup>2</sup> Solid/stranded: 0.75-2.5 mm <sup>2</sup>
<b>Enclosure rating IP</b>	IP44
<b>Enclosure rating Nema (~)</b>	2
<b>Lubricants compatibility</b>	Oilfree applications
<b>Max. test pressure [bar] Pe</b>	35 bar
<b>Max. test pressure [psig]</b>	510 psig
<b>Max. Working Pressure [bar]</b>	35 bar
<b>Max. Working Pressure [psig]</b>	510 psig
<b>Oil free refrigerants</b>	R134a R513A R515B
<b>Packing format</b>	Multi pack
<b>Pressure connection size</b>	1/4
<b>Pressure connection standard</b>	DIN 8906
<b>Pressure connection type</b>	Flare
<b>Pressure Male/Female</b>	Male
<b>Pressure sensing element</b>	Bellows
<b>Product accessories</b>	Switches accessories
<b>Product description</b>	Pressure Switch
<b>Product Group</b>	Switches and thermostats
<b>Product Name Description</b>	Pressure Switch
<b>Quantity per packing format</b>	36 pc
<b>REACH Candidate List substances</b>	Lead (CAS no. 7439-92-1)
<b>0.1</b>	
<b>Refrigerants</b>	R113 R1234yf R1234yz R1234ze R124 R134a R22 R404A R407A R407C R407F R407H R422B R422D R438A R448A R449A R449B R450A R452A R454C

**PRODUCT DETAILS**

	R455A
	R507A
	R513A
	R515B
<b>Regulation range [bar] Pe [Max]</b>	32 bar
<b>Regulation range [bar] Pe [Min]</b>	8 bar
<b>Regulation range [psig] Pe [Max]</b>	464 psig
<b>Regulation range [psig] Pe [Min]</b>	116 psig
<b>Reset function</b>	Auto
<b>Serviceable</b>	No
<b>Type</b>	KP5
<b>UL approval file name</b>	E31024
<b>UL approved refrigerants</b>	R113
	R124
	R134a
	R22
	R404A
	R407A
	R407C
	R407F
	R407H
	R422B
	R422D
	R438A
	R448A
	R449A
	R449B
	R450A
	R452A
	R507A
	R513A
	R515B

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

**Accessories**



**060-105966** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 5



**060-019166** [🔗](#)

**Switches accessories**

Packing format: Industrial pack, Quantity per packing format: 50

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Accessories



**060-019066** [🔗](#)

**Switches accessories**

Packing format: Industrial pack, Quantity per packing format: 50



**023U8011** [🔗](#)

**Adapter, FSA 26m**

Inlet size [in]: 1/4 in, Inlet connection type: Flare, Outlet connection type: Solder, ODF



**060-002366** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 50



**060-007266** [🔗](#)

**Switches accessories**

Packing format: Industrial pack, Quantity per packing format: 50



**060-062866** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 30



**060-007066** [🔗](#)

**Switches accessories**

Packing format: Industrial pack, Quantity per packing format: 50



**023U8001** [🔗](#)

**Adapter, FSA 26m**

Inlet size [in]: 1/4 in, Inlet connection type: Flare, Outlet connection type: Solder, ODF



**060-000566** [🔗](#)

**Switches accessories**

Packing format: Industrial pack, Quantity per packing format: 50



**060-018966** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 20



**060-104866** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 20

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Accessories



**060-008666** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 6



**017-420566** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 5



**060-003166** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 7



**060-016866** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 40



**060-105666** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 10



**060-033066** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 30



**060-017166** [🔗](#)

**Generic accessories**

Packing format: Multi pack, Quantity per packing format: 50



**060-007166** [🔗](#)

**Switches accessories**

Packing format: Industrial pack, Quantity per packing format: 40



**060-004866** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 50



**060-105566** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 10

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

## Accessories

**060-019266** [🔗](#)**Switches accessories**

Packing format: Industrial pack, Quantity per packing format: 50

**060-333866** [🔗](#)**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 20

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

Packing format: Multi pack, Quantity per packing format: 50

**060-014166** [🔗](#)**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 5

**060-016366** [🔗](#)**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 40

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

Packing format: Industrial pack, Quantity per packing format: 50

**023U8002** [🔗](#)**Adapter, FSA 22**

Inlet size [in]: 1/4 in, Inlet connection type: Flare, Outlet size [in]: 1/4 in, Outlet connection type: Solder, ODF

**060-109766** [🔗](#)**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 10

**023U8012** [🔗](#)**Adapter, FSA 22**

Inlet size [in]: 1/4 in, Inlet connection type: Flare, Outlet size [in]: 1/4 in, Outlet connection type: Solder, ODF

**060-000466** [🔗](#)**Switches accessories**

Packing format: Industrial pack, Quantity per packing format: 50

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

---

Accessories

---



**060-105766** [🔗](#)

**Switches accessories**

Packing format: Multi pack, Quantity per packing format: 20

---

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.