



060-5231 [🔗](#)

Pressure switch, KPU1

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Customer Service Center [🔗](#)

Regulation range [bar] Pe: -0.20 - 7.50, Differential [bar]: 0.70 - 4.00,
Contact function: SPDT, Reset function: Auto, Pressure connection type: Flare,
Pressure connection size: 1/4, Pressure Male/Female: Male, Enclosure rating IP:
IP30, Max. Working Pressure [bar]: 17.0

PRODUCT DETAILS

Gross weight	0.68 Kilogram
Net weight	0.645 Kilogram
Volume	0.832 Liter
EAN	5702428063609
Amb. Temp. Note	80 °C/176 °F for max 120 min
Ambient temperature range [°C] [max]	50 °C
Ambient temperature range [°C] [min]	-40 °C
Ambient temperature range [°F] [max]	122 °F
Ambient temperature range [°F] [min]	-40 °F
Application note	Not applicable for liquid line
Approval	CE LVD RoHS UKCA c UL us UL873, CS C22.2
China RoHS compliance	Out of scope
Contact function	SPDT
Contact rating	144 A, 240 V AC 24 A, 240 V ac DC=12 W pilot duty FLA=24 A, 120 V ac LRA = 144 A, 120 V ac
Differential [bar] [max]	4 bar
Differential [bar] [min]	0.7 bar
Differential [psi] [max]	60 psi
Differential [psi] [min]	10 psi
Electrical conn. comments	for ½ in male pipe thread
Electrical connection	Hole
Electrical connection size	7/8 in
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 mm2

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PRODUCT DETAILS

	Flex, no ferrules: 0.7-2.5 mm ² Solid/stranded: 0.75-2.5 mm ²
Enclosure rating IP	IP30
Enclosure rating Nema (~)	1
EU RoHS compliance	Yes
EU RoHS exemption clause	No
In scope of WEEE and contain batteries	No
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]	250 psig
Oil free refrigerants	R134a R513A R515B
Packing format	Multi 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
Product description	Low Pressure Control
Product group	Switches and thermostats
Product Name Description	Pressure switch
Quantity per packing format	14 pc
REACH Candidate List substances	No
Refrigerants	R113 R124 R134a R22 R404A R407A R407C R407F R407H R422B R422D R438A R448A R449A R449B R450A R452A 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
Serviceable	No

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Product Detail | Pressure switch, KPU1

PRODUCT DETAILS

Type	KPU1
UK RoHS compliance	Out of scope
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

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**

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

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

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

**017-420566** [🔗](#)**Switches accessories, Reducing Nipple**

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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Product Detail | Pressure switch, KPU1

Accessories

**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**

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

**060-001166** [🔗](#)**Switches accessories, Capillary Tube**

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

**060-002366** [🔗](#)**Switches accessories, Capillary Tube**

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

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

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 100

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

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

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

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

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Product Detail | Pressure switch, KPU1

Accessories

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

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

**060-019166** [🔗](#)**Switches accessories, Capillary Tube**

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

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

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

**060-104866** [🔗](#)**Switches accessories, Damping Device**

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

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

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

**060-000566** [🔗](#)**Switches accessories, Capillary Tube**

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

**060-004866** [🔗](#)**Switches accessories, Capillary Tube**

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

**060-007066** [🔗](#)**Switches accessories, Capillary Tube Min. 50 pcs.**

Capillary Tube Min. 50 pcs., Packing format: Industrial pack, Quantity per packing format: 50

**060-007166** [🔗](#)**Switches accessories, Capillary Tube**

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

**060-007266** [🔗](#)**Switches accessories, Capillary Tube**

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

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Accessories

**060-016766** [🔗](#)**Switches accessories, Capillary Tube**Capillary Tube, Packing format: Multi pack, Quantity per packing format: 50

**060-017166** [🔗](#)**Generic accessories, Capillary Tube**Capillary Tube, Packing format: Multi pack, Quantity per packing format: 50

**060-105966** [🔗](#)**Switches accessories, Screwed Cable Entry With Nut**Screwed Cable Entry With Nut, Packing format: Multi pack, Quantity per packing format: 5

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