



060L312766

Thermostat, KPS80

Temperature range [°C]: 70 - 120, Reset function: Auto, Contact function: SPDT gold, Sensor type: Rigid sensor, Enclosure rating IP: IP67

PRODUCT DETAILS

Gross weight	0.902 Kilogram
Net weight	0.901 Kilogram
Volume	3.684 Liter
EAN	5702423147793
Type	KPS80
Product group	Switches and thermostats
Product Name Description	Thermostat
Amb. Temp. Note	80 °C/176 °F for max 120 min
Ambient temperature range [°C] [max]	70 °C
Ambient temperature range [°C] [min]	-40 °C
Ambient temperature range [°F] [max]	158 °F
Ambient temperature range [°F] [min]	-40 °F
Approval	ABS, BV, CCC, CCS, CE, DNV, EAC, GL, LLC CDC EURO-TYSK, LR, LVD, NKK, RINA, RMRS, RoHS, RoHS China, TYSK, UL
CE mark	Yes
Charge type	Adsorption
China RoHS compliance	Yes
Connection for pocket or hose	M 18 x 1.5
Contact function	SPDT gold
Contact rating	AC15=4 A, 440 V AC1=10 A, 440 V AC3=6 A, 440 V DC13=12 W, 220 V for gold 1...30mA, 5...30V
Contains batteries	No
Diff. @ Min. range setting [K] [max]	18 K
Diff. @ Min. range setting [K] [min]	4.5 K
Diff. @ Min. range setting[°C] [max]	18 °C
Diff. @ Min. range setting[°C] [min]	4.5 °C
Differential type	Adjustable
Electrical conn. comments	Metal cable gland
Electrical conn. Male/Female	Female
Electrical connection	Screwed cable entry
Electrical connection size	Pg 13.5
Electrical connection standard	DIN 40430

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PRODUCT DETAILS

Electrical spec. standard	EN 60947-5
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	IP67
EU RoHS compliance	Out of scope
Max. sensor temperature [°C]	220 °C
Max. sensor temperature [°F]	428 °F
Packing format	Multi pack
Product accessories	Switches accessories
Product description	Thermostat
Quantity per packing format	10 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1) Cadmium oxide (CAS no.1306-19-0)
Reset function	Auto
SCIP dossier no.	c1a694ec-501f-43db-83d2-8a9a314459e0
SCIP dossier product name	KP KPS KPU Thermostat
Sensor pocket length min. [in]	4 3/8 in
Sensor pocket length min. [mm]	110 mm
Sensor size (Ø x L) [in]	1/2 x 2 1/2 in
Sensor size (Ø x L) [mm]	13 x 63 mm
Sensor type	Rigid sensor
Serviceable	No
Temperature range [°C] [max]	120 °C
Temperature range [°C] [min]	70 °C
Temperature range [°F] [max]	248 °F
Temperature range [°F] [min]	158 °F
UL approval file name	E73170
UL mark	Yes

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

Accessories

060L327066 [↗](#)
Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 110, Pressure inlet conn. type: NPT, Pressure inlet conn. size [in]: 1/2-14, Packing format: Multi pack, Quantity per packing format: 10

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Accessories



060L328066 [🔗](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 110, Pressure inlet conn. type: NPT, Pressure inlet conn. size [in]: 1/2-14, Packing format: Multi pack, Quantity per packing format: 10



060L340366 [🔗](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 110, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 3/4, Packing format: Multi pack, Quantity per packing format: 10



060L326866 [🔗](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 110, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 10



060L327166 [🔗](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 110, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 10



017-420466 [🔗](#)

Switches accessories, Clamping band

Type designation: Clamping band, Parts included: 1x screw 4x20, Packing format: Multi pack, Quantity per packing format: 10



060L036666 [🔗](#)

Switches accessories, Seal kit, For armoured capillary tube

Type designation: Seal kit, Used for product comments: For armoured capillary tube, Used for product: KPS; RT; CAS; MBC, Packing format: Multi pack, Quantity per packing format: 10



060L327366 [🔗](#)

Switches accessories, Seal kit, For not arm. capillary tube

Type designation: Seal kit, Used for product comments: For not arm. capillary tube, Used for product: KPS; RT; CAS; MBC, Packing format: Multi pack, Quantity per packing format: 10

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