

**060L312866****Thermostat, KPS80**

Temperature range [°C]: 70 - 120, Reset function: Auto, Contact function: SPDT gold, Sensor type: Remote bulb, Capillary tube length [mm]: 2000, Enclosure rating IP: IP67

**PRODUCT DETAILS**

<b>Gross weight</b>	1.232 Kilogram
<b>Net weight</b>	1.148 Kilogram
<b>Volume</b>	3.684 Liter
<b>EAN</b>	5702423147809
<b>Amb. Temp. Note</b>	80 °C/176 °F for max 120 min
<b>Ambient temperature range [°C] [max]</b>	70 °C
<b>Ambient temperature range [°C] [min]</b>	-40 °C
<b>Ambient temperature range [°F] [max]</b>	158 °F
<b>Ambient temperature range [°F] [min]</b>	-40 °F
<b>Approval</b>	ABS BV CCC CCS CE DNV EAC GL LLC CDC EURO-TYSK LR LVD NKK RINA RMRS RoHS RoHS China TYSK UL
<b>Armoring</b>	Yes
<b>Cap. tube length fraction [in]</b>	78 3/4 in
<b>Capillary tube length [mm]</b>	2000 mm
<b>CE evaluated</b>	Yes
<b>Charge type</b>	Adsorption
<b>China RoHS compliance</b>	Yes
<b>Connection for pocket or hose</b>	M 18 x 1.5
<b>Contact function</b>	SPDT gold
<b>Contact rating</b>	AC15=4 A, 440 V

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## PRODUCT DETAILS

	AC1=10 A, 440 V AC3=6 A, 440 V DC13=12 W, 220 V for gold 1...30mA, 5...30V
Contain 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
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 <sup>2</sup> Flex, no ferrules: 0.7-2.5 mm <sup>2</sup> Solid/stranded: 0.75-2.5 mm <sup>2</sup>
Enclosure rating IP	IP67
Equipment	Armored cap. tube
EU RoHS compliance	Out of scope
Max. sensor temperature [°C]	220 °C
Max. sensor temperature [°F]	428 °F
Other RoHS documentation	Saudi Arabia RoHS
Packing format	Multi pack
Product accessories	Switches accessories
Product description	Thermostat
Product group	Switches and thermostats
Product Name Description	Thermostat
Quantity per packing format	10 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Reset function	Auto
SCIP dossier no.	84be8326-1b95-4f87- afb0-90ae08b65f06
Sensor pocket length min. [in]	3 in
Sensor pocket length min. [mm]	75 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	Remote bulb
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
Type	KPS80
UK RoHS compliance	Out of scope
UL approval file name	E73170

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PRODUCT DETAILS

UL evaluated Yes

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

Accessories



**017-420466** [↗](#)

**Switches accessories, Clamping Band Ass'y**

Clamping Band Ass'y, Packing format: Multi pack, Quantity per packing format: 10



**060L036666** [↗](#)

**Switches accessories, Gasket For Sensor Pocket**

Gasket For Sensor Pocket, Packing format: Multi pack, Quantity per packing format: 10



**060L320666** [↗](#)

**Switches accessories, Sensor Pocket**

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



**060L325466** [↗](#)

**Switches accessories, Sensor Pocket**

Sensor Pocket, Packing format: Multi pack, Quantity per packing format: 12



**060L325566** [↗](#)

**Switches accessories, Sensor Pocket**

Sensor Pocket, Packing format: Multi pack, Quantity per packing format: 12



**060L326266** [↗](#)

**Switches accessories, Sensor Pocket KP/RT 75mm G1/2"**

Sensor Pocket KP/RT 75mm G1/2", Packing format: Multi pack, Quantity per packing format: 10



**060L326366** [↗](#)

**Switches accessories, Sensor Pocket KP/RT 160mm G1/2"**

Sensor Pocket KP/RT 160mm G1/2", Packing format: Multi pack, Quantity per packing format: 10

Image coming soon

**060L326466** [↗](#)

**Switches accessories, Sensor Pocket**

Sensor Pocket, 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 [↗](#)

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Accessories



**060L326666** [🔗](#)

**Switches accessories, Sensor Pocket**

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



**060L326766** [🔗](#)

**Switches accessories, Sensor Pocket CAS/KPS 75mm G $\frac{1}{2}$ "**

Sensor Pocket CAS/KPS 75mm G $\frac{1}{2}$ ", Packing format: Multi pack, Quantity per packing format: 10



**060L326866** [🔗](#)

**Switches accessories, Sensor Pocket CAS/KPS 110mm G $\frac{1}{2}$ "**

Sensor Pocket CAS/KPS 110mm G $\frac{1}{2}$ ", Packing format: Multi pack, Quantity per packing format: 10



**060L326966** [🔗](#)

**Switches accessories, Sensor Pocket**

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



**060L327066** [🔗](#)

**Switches accessories, Sensor Pocket**

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



**060L327166** [🔗](#)

**Switches accessories, Sensor Pocket CAS/KPS 110mm G $\frac{1}{2}$ "**

Sensor Pocket CAS/KPS 110mm G $\frac{1}{2}$ ", Packing format: Multi pack, Quantity per packing format: 10



**060L328066** [🔗](#)

**Switches accessories, Sensor Pocket**

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



**060L328166** [🔗](#)

**Switches accessories, Sensor Pocket**

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



**060L340366** [🔗](#)

**Switches accessories, Sensor Pocket**

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

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