

**060L118466****Thermostat, KP78**

Temperature range [°C]: 30 - 90, Reset function: Auto, Contact function: SPDT,  
Sensor type: Remote bulb, Capillary tube length [mm]: 2000, Enclosure rating  
IP: IP30

**PRODUCT DETAILS**

<b>Gross weight</b>	0.434 Kilogram
<b>Net weight</b>	0.408 Kilogram
<b>Volume</b>	1.281 Liter
<b>EAN</b>	5702423148783
<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>	150 °F
<b>Ambient temperature range [°F] [min]</b>	-40 °F
<b>Approval</b>	CCC CE CMIM EAC LLC CDC EURO-TYSK LVD PZH RINA RMRS RoHS China c UL us UL353, CS C22.2 c UL us UL873, CS C22.2
<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>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>Contain batteries</b>	No
<b>Diff. @ Max. range setting [K] [max]</b>	16.5 K
<b>Diff. @ Max. range setting [K] [min]</b>	7 K
<b>Diff. @ Max. range setting[°C] [max]</b>	16.5 °C

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 | Thermostat, KP78

## PRODUCT DETAILS

Diff. @ Max. range setting[°C] [min]	7 °C
Diff. @ Min. range setting [K] [max]	20 K
Diff. @ Min. range setting [K] [min]	4.5 K
Diff. @ Min. range setting[°C] [max]	20 °C
Diff. @ Min. range setting[°C] [min]	4.5 °C
Differential type	Adjustable
Electrical connection	Rubber cable gland
Electrical connection size	6-14 mm
Electrical spec. standard	EN 60947-5
EN 60947 electrical properties	Pollution degree: 3 Rated impulse voltage: 4 kV Insulation: 400V 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	IP30
Enclosure rating Nema (~)	1
EU RoHS compliance	Yes
EU RoHS exemption clause	No
Max. sensor temperature [°C]	150 °C
Max. sensor temperature [°F]	302 °F
Packing format	Multi pack
Product accessories	Switches accessories
Product description	Thermostat
Product group	Switches and thermostats
Product Name Description	Thermostat
Quantity per packing format	32 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Reset function	Auto
SCIP dossier no.	b1323c86-8856-44cc- b1c6-6849abe37ee4
SCIP dossier product name	KP/KPI pressure switch
Sensor size (Ø x L) [in]	3/8 x 3 3/8 in
Sensor size (Ø x L) [mm]	9.5 x 85 mm
Sensor type	Remote bulb
Serviceable	No
Temperature range [°C] [max]	90 °C
Temperature range [°C] [min]	30 °C
Temperature range [°F] [max]	194 °F
Temperature range [°F] [min]	86 °F
Type	KP78
UL approval file name	E31024 MH27572
UL evaluated	Yes

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

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

**017-420166** [🔗](#)**Switches accessories, Sensor holder kit**

Type designation: Sensor holder kit, Parts included: 4x cable bearers, Packing format: Multi pack, Quantity per packing format: 20

**017-420466** [🔗](#)**Switches accessories, Clamping band**

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

**017-421666** [🔗](#)**Switches accessories, Sensor pocket**

Type designation: Sensor pocket, Used for product: RT; KP, Sensor pocket length min. [mm]: 465, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 12

**017-422066** [🔗](#)**017-436966** [🔗](#)**Switches accessories, Sensor pocket**

Type designation: Sensor pocket, Used for product: RT; KP, Sensor pocket length min. [mm]: 97, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 10

**017-437066** [🔗](#)**Switches accessories, Sensor pocket**

Type designation: Sensor pocket, Used for product: RT; KP, Sensor pocket length min. [mm]: 112, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 10

**060-003166** [🔗](#)**Switches accessories, Cap**

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

**060-033066** [🔗](#)**Switches accessories, IP55 Enclosure For KP (Single)**

IP55 Enclosure For 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** [🔗](#)

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

---



**060-062866** [🔗](#)

**Switches accessories, IP55 Transparent Enclosure**

IP55 Transparent Enclosure, Packing format: Multi pack, Quantity per packing format: 30

---



**060-105566** [🔗](#)

**Switches accessories, Mounting bracket**

Type: Accessory, Used for product: KP; MP, Mounting bracket, Packing format: Multi pack, Quantity per packing format: 10

---



**060-105666** [🔗](#)

**Switches accessories, Mounting bracket**

Type: Accessory, Used for product: KP; MP, Mounting bracket, Packing format: Multi pack, Quantity per packing format: 10

---



**060-109766** [🔗](#)

**Switches accessories, Top cover, KP single**

Top cover, Used for product: KP single, 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.