



061B810466 [↗](#)

Thermostat, MBC 8100

Temperature range [°C]: 70 - 120, Reset function: Auto, Contact function: SPDT,

Sensor type: Remote bulb, Enclosure rating IP: IP65

Product details

Characteristic	Value
Gross weight	0.754 Kilogram
Net weight	0.384 Kilogram
Volume	3.48 Liter
EAN	5702423213467
Type	MBC 8100
Product group	Switches and thermostats
Product Name Description	Thermostat
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, KRS, LLC CDC EURO-TYSK, LR, LVD, NKK, RINA, RMRS, RoHS, RoHS China, TYSK
Armoring	Yes
Cap. tube length fraction [in]	78 3/4 in
Capillary tube length [mm]	2000 mm
CE mark	Yes
Charge type	Adsorption
China RoHS compliance	Yes
Connection for pocket or hose	M 18 x 1.5
Contact function	SPDT
Contact rating	AC15=0.5 A, 250 V DC13=12 W, 125 V



Product details

Characteristic	Value
Contains batteries	No
Differential (FS) [K]	5 K
Differential type	Fixed (max. value)
Electrical conn. Male/Female	Female
Electrical connection	DIN-plug
Electrical connection size	Pg 11
Electrical connection standard	EN 175301-803-A
Electrical spec. standard	EN 60947-5
Enclosure rating IP	IP65
Equipment	Armored cap. tube
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	6 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Reset function	Auto
SCIP dossier no.	18ff26a2-cbcf-44c1-8f28-74e482b38eed
SCIP dossier product name	MBC 8100 8000 Temperature Switch
Sensor pocket length min. [in]	2 9/16 in
Sensor pocket length min. [mm]	65 mm
Sensor size (Ø x L) [in]	1/2 x 2 in
Sensor size (Ø x L) [mm]	13 x 50 mm
Sensor type	Remote bulb
Serviceable	No
Specification key	2431-1A02000
Temperature range [°C] [max]	120 °C
Temperature range [°C] [min]	70 °C
Temperature range [°F] [max]	248 °F

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Product details

Characteristic	Value
Temperature range [°F] [min]	158 °F

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



[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



[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



[060L320666](#) [↗](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 200, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 10



[060L325466](#) [↗](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 250, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 12



[060L325566](#) [↗](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 330, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 12

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Accessories



[060L326266](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 75, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 10



[060L326366](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 160, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 10

Image coming soon

[060L326466](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 75, Pressure inlet conn. type: NPT, Pressure inlet conn. size [in]: 1/2-14, Packing format: Multi pack, Quantity per packing format: 10



[060L326566](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 65, Pressure inlet conn. type: NPT, Pressure inlet conn. size [in]: 1/2-14, Packing format: Multi pack, Quantity per packing format: 10



[060L326666](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 75, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 3/4, Packing format: Multi pack, Quantity per packing format: 10



[060L326766](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 75, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, 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

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Accessories



[060L326966](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 160, 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



[060L328166](#)

Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 75, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, 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

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