



**061B810866**

**Thermostat, MBC 8100**

Temperature range [°C]: 70 - 120, Reset function: Auto, Contact function: SPDT,  
Sensor type: Remote bulb, Enclosure rating IP: IP65

**PRODUCT DETAILS**

<b>Gross weight</b>	1.082 Kilogram
<b>Net weight</b>	0.796 Kilogram
<b>Volume</b>	7.08 Liter
<b>EAN</b>	5702428366793
<b>Type</b>	MBC 8100
<b>Product group</b>	Switches and thermostats
<b>Product Name Description</b>	Thermostat
<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, KRS, LLC CDC EURO-TYSK, LR, LVD, NKK, RINA, RMRS, RoHS, RoHS China, TYSK
<b>Armoring</b>	Yes
<b>Cap. tube length fraction [in]</b>	196 7/8 in
<b>Capillary tube length [mm]</b>	5000 mm
<b>CE mark</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
<b>Contact rating</b>	AC15=0.5 A, 250 V DC13=12 W, 125 V
<b>Contains batteries</b>	No
<b>Differential (FS) [K]</b>	5 K
<b>Differential type</b>	Fixed (max. value)
<b>Electrical conn. Male/Female</b>	Female
<b>Electrical connection</b>	DIN-plug
<b>Electrical connection size</b>	Pg 11
<b>Electrical connection standard</b>	EN 175301-803-A
<b>Electrical spec. standard</b>	EN 60947-5
<b>Enclosure rating IP</b>	IP65
<b>Equipment</b>	Armored cap. tube
<b>EU RoHS compliance</b>	Out of scope
<b>Max. sensor temperature [°C]</b>	220 °C

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**PRODUCT DETAILS**

<b>Max. sensor temperature [°F]</b>	428 °F
<b>Packing format</b>	Multi pack
<b>Product accessories</b>	Switches accessories
<b>Product description</b>	Thermostat
<b>Quantity per packing format</b>	6 pc
<b>REACH Candidate List substances</b>	Lead (CAS no. 7439-92-1)
<b>Reset function</b>	Auto
<b>SCIP dossier no.</b>	18ff26a2-cbcf-44c1-8f28-74e482b38eed
<b>SCIP dossier product name</b>	MBC 8100 8000 Temperature Switch
<b>Sensor pocket length min. [in]</b>	4 1/3 in
<b>Sensor pocket length min. [mm]</b>	110 mm
<b>Sensor size (Ø x L) [in]</b>	1/2 x 3 in
<b>Sensor size (Ø x L) [mm]</b>	13 x 75 mm
<b>Sensor type</b>	Remote bulb
<b>Serviceable</b>	No
<b>Specification key</b>	2431-1A05000
<b>Temperature range [°C] [max]</b>	120 °C
<b>Temperature range [°C] [min]</b>	70 °C
<b>Temperature range [°F] [max]</b>	248 °F
<b>Temperature range [°F] [min]</b>	158 °F

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

**Accessories**



**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



**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

**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

**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

**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

**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

**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

**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

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Accessories

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**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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