



**061B814866**

**Thermostat, MBC 8100**

Temperature range [°C]: 60 - 150, Reset function: Auto, Contact function: SPDT,  
Sensor type: Remote bulb, Capillary tube length [mm]: 2000, Enclosure rating  
IP: IP65

**PRODUCT DETAILS**

|   |   |
|---|---|
| <b>Gross weight</b>                             | 0.774 Kilogram  |
| <b>Net weight</b>                               | 0.5 Kilogram  |
| <b>Volume</b>                                   | 3.48 Liter  |
| <b>EAN</b>                                      | 5702423228737   |
| <b>Ambient temperature range [°C]<br/>[max]</b> | 70 °C   |
| <b>Ambient temperature range [°C]<br/>[min]</b> | -40 °C  |
| <b>Ambient temperature range [°F]<br/>[max]</b> | 158 °F  |
| <b>Ambient temperature range [°F]<br/>[min]</b> | -40 °F  |
| <b>Approval</b>                                 | ABS<br>BV<br>CCC<br>CCS<br>CE<br>DNV<br>EAC<br>GL<br>KRS<br>LLC CDC EURO-TYSK<br>LR<br>LVD<br>NKK<br>RINA<br>RMRS<br>RoHS<br>RoHS China<br>TYSK |
| <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  |
| <b>Contact rating</b>                           | AC15=0.5 A, 250 V<br>DC13=12 W, 125 V   |

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## Product Detail | Thermostat, MBC 8100

## PRODUCT DETAILS

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Contain batteries               | No                                   |
| Differential (FS) [K]           | 6 K                                  |
| Differential type               | Fixed (max. value)                   |
| Electrical conn. Male/Female    | Female                               |
| Electrical connection           | DIN-plug                             |
| Electrical connection size      | M20                                  |
| 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]    | 250 °C                               |
| Max. sensor temperature [°F]    | 482 °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     | 6 pc                                 |
| REACH Candidate List substances | Lead (CAS no. 7439-92-1)             |
| Reset function                  | Auto                                 |
| SCIP dossier no.                | 78250f8e-5849-44ad-ae3b-a65731351f9b |
| 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               | 2631-2A02000                         |
| Temperature range [°C] [max]    | 150 °C                               |
| Temperature range [°C] [min]    | 60 °C                                |
| Temperature range [°F] [max]    | 302 °F                               |
| Temperature range [°F] [min]    | 140 °F                               |
| Type                            | MBC 8100                             |
| UK RoHS compliance              | Out of scope                         |

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

## Accessories

**060L036666** [🔗](#)

Switches accessories, Gasket For Sensor Pocket

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

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Accessories



**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 G½"**

Sensor Pocket KP/RT 75mm G½", Packing format: Multi pack, Quantity per packing format: 10



**060L326366** [🔗](#)

**Switches accessories, Sensor Pocket KP/RT 160mm G½"**

Sensor Pocket KP/RT 160mm G½", 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



**060L326566** [🔗](#)

**Switches accessories, Sensor Pocket CAS/KPS 65mm G½"**

Sensor Pocket CAS/KPS 65mm G½", Packing format: Multi pack, Quantity per packing format: 10



**060L326666** [🔗](#)

**Switches accessories, Sensor Pocket**

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



**060L326766** [🔗](#)

**Switches accessories, Sensor Pocket CAS/KPS 75mm G½"**

Sensor Pocket CAS/KPS 75mm G½", 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

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Accessories



**060L327166** [🔗](#)

**Switches accessories, Sensor Pocket CAS/KPS 110mm G½"**

Sensor Pocket CAS/KPS 110mm G½", 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



**060L320666** [🔗](#)

**Switches accessories, Sensor Pocket**

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



**060L326866** [🔗](#)

**Switches accessories, Sensor Pocket CAS/KPS 110mm G½"**

Sensor Pocket CAS/KPS 110mm G½", Packing format: Multi pack, Quantity per packing format: 10

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