

## Datasheet JET-140 XF

Articlenumber: JA043200

Capillary thermostat, wall mounting, 70...130...°C, adjustable hysteresis 2..20K, internal setting, capillary length 1.8m



|                                     |                      |
|-------------------------------------|----------------------|
| Ambient temperature, lower value    | -20 °C               |
| Ambient temperature, upper value    | 55 °C                |
| Bearing temperature, lower value    | -20 °C               |
| Bearing temperature, upper value    | 55 °C                |
| Capillary length                    | 1,8 m                |
| Colour                              | Grey                 |
| Control range, lower value          | 70 °C                |
| Control range, upper value          | 130 °C               |
| Cooling control function            | Yes                  |
| Degree of contamination             | 2                    |
| Device version                      | Surface-mounted unit |
| Diameter sensor element             | 9,6 mm               |
| Electric connection                 | Screw terminals      |
| Electronic control                  | No                   |
| External setting                    | No                   |
| Function type (systems engineering) | TW                   |
| Heating control function            | Yes                  |
| Housing material                    | Plastic              |
| Internal setting                    | Yes                  |

|   |  |
|---|--|
| Length of sensor                        | 122 mm                                   |
| Max. sensor temperature                 | 145 °C                                   |
| Maximum air humidity (non-condensing)   | 95 % r.H                                 |
| Maximum switching current               | 15 (8) A                                 |
| Maximum switching voltage               | 230 V AC, 50 Hz                          |
| Mechanical range reduction              | No                                       |
| Medium                                  | Gas / liquid substances (not aggressive) |
| Minimum switching current               | 150 mA                                   |
| Minimum switching voltage               | 24 V AC / 50 Hz                          |
| Mounting / attachment                   | Wall mounting                            |
| Number of control ranges                | 1  |
| Number of outputs                       | 2  |
| Operating voltage                       | None                                     |
| Operation                               | Internal setpoint adjuster               |
| Output signal                           | Switching                                |
| Potential free switching contact        | Yes                                      |
| Protection class                        | I  |
| RAL colour number (similar)             | 7016/7035                                |
| Rated impulse voltage                   | 4000 V                                   |
| Safety and EMC                          | In accordance with DIN EN 60730          |
| Scale                                   | Degree Celsius                           |
| Sensor element                          | Capillary tube                           |
| Sensor material                         | Cu (capillaries made from V2A)           |
| Surface properties                      | Matt                                     |
| Switching contact                       | Two-way contact                          |
| Switching difference, can be adjusted   | Yes                                      |
| Switching differential adjustable from  | 2 K                                      |
| Switching differential adjustable up to | 20 K                                     |
| Switching element                       | Microswitch                              |
| Switching power                         | 3450 W                                   |
| Type of protection                      | IP65                                     |
| With explosion protection               | No                                       |

