



HENNLICH

MERES

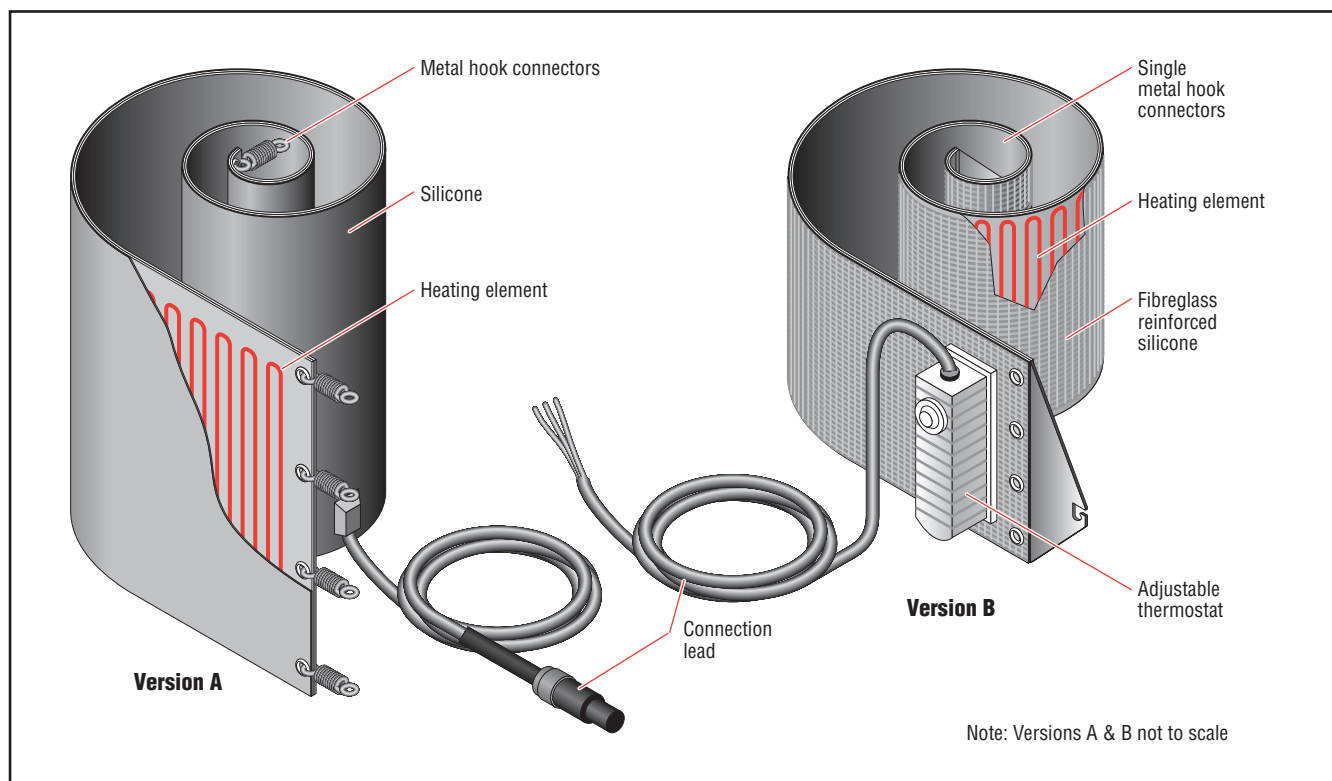
SUDOVÉ TOPNÉ PÁSY IDR-SM

Silicone drum heating band

Heaters are often used to promote effective processing of high viscosity media or gases in barrels, drums, or gas cylinders. These silicone heating bands are a simple, low-

cost way to heat drums and gas bottles. There are two versions available. One (Version A) is supplied with internal Pt100 sensor and temperature limiter to 180°C.

The other (Version B) is supplied complete with a built-in adjustable thermostat with a control range of 10°C to 218°C. An external controller-box is available.



3. DRUM HEATERS

Area Specifications

| | |
|----------------------------------|-----------------------------|
| Area classification | Nonhazardous, ordinary area |
| Ingress protection | IP65 |
| Electrical protection class | Class I |
| Storage temperature | -20 to +50°C |
| Minimum installation temperature | -20°C |

Standard Manufacturing Sizes

| | |
|--------|----------------------------|
| Length | 1760 / 1677 / 1384 mm ± 4% |
| Width | 230 / 102 mm ± 2.5% |

Heater Construction

| | |
|---------------------|--|
| Type | Resistance heating cable |
| Material | Various alloys |
| Material of carrier | Version A is silicone or silicone-glass-silk. Version B is fiberglass reinforced silicone. |

Lead Connection

Sensor type Version A optional Pt100

Connection length, lead cross section, maximum operating temperature, connection lead material and thermostat depend on design

Technical Data

Frequency 50-60 Hz

Maximum operating voltage 230 / 240 / 120 Vac

Maximum power 1100 / 1200 / 1000 W

Maximum operating temperature 218°C (or 180°C if optional temperature limiter is included)

Minimum bend radius, maximum area load and maximum compression strength depend on design

Ordering Information

| Part number | For standard sizes (Ltr) (m ²) | Length ⁽¹⁾ (L) (mm) | Width ⁽¹⁾ (H) (mm) | Nominal Voltage (Vac) | Nominal Power ⁽²⁾ (W) |
|--|---|-----------------------------------|----------------------------------|--------------------------|-------------------------------------|
| Version with internal Pt100 sensor and temperature limiter to 180°C (Version A) | | | | | |
| 171538-000 | 200 | 1760 | 230 | 230 | 1100 |
| 257692-000 (Controller for 1 band heater) | | | | 230 | |
| 972114-000 (Controller for 3 band heaters) | | | | 230 | |
| Versions with adjustable thermostat 10°C to 218°C (Version B) | | | | | |
| 791428-000 | 200 | 1677 | 102 | 240 | 1200 |
| 631912-000 | 110 | 1384 | 102 | 240 | 1000 |
| 118374-000 | 200 | 1677 | 102 | 120 | 1200 |
| 450166-000 | 110 | 1384 | 102 | 120 | 1000 |

⁽¹⁾ Tolerances < 400 (±2.5) / > 400 (±4.0)⁽²⁾ Tolerances ±10%