Silicone boots for mounting fixed setting limiters or thermostats on flexible silicone heaters. Assembly by bonding or vulcanization.

Type

9BFL

These boots comprise a degassing orifice and a "funnel" orifice for filling the silicone resin, which are cut after curing.

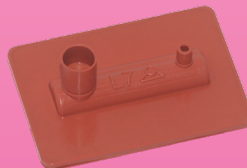| Type	Dimensions	Compatible devices	Features	Part number
	7.3mm / 29mm / 11mm / 35mm / 16mm / 34mm / 50mm	UJW	**Minimum** band width: 35mm **Connection:** internal **Silicone resin filling:** yes	9BFL1
	9.2mm / 32mm / 12mm / 35mm / 17mm / 37mm / 50mm	4A	**Minimum band width:** 35mm **Connection:** internal **Silicone resin filling:** yes	9BFL5
	11mm / 34mm / 8mm / 35mm / 13mm / 39mm / 50mm	4T	**Minimum band width:** 35mm **Connection:** internal **Silicone resin filling:** no	9BFL6
	13mm / 34mm / 16mm / 35mm / 12mm / 39mm / 50mm	4903	**Minimum band width:** 35mm **Connection:** internal **Silicone resin filling:** yes	9BFL2
	13mm / 42mm / 14.6mm / 35mm / 12mm / 39mm / 50mm	4903	**Minimum band width:** 35mm **Connection:** external by 2 wires **Silicone resin filling:** yes	9BFL3
	16mm / 34mm / 16mm / 35mm / 12mm / 39mm / 50mm	4505	**Minimum band width:** 35mm **Connection:** internal **Silicone resin filling:** partial	9BFL4
	7mm / 32mm / 6.2mm / 35mm / 11mm / 37mm / 50mm	5MA3	**Minimum band width:** 35mm **Connection:** internal **Silicone resin filling:** yes	9BFL7
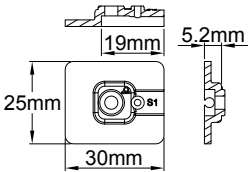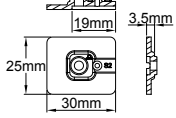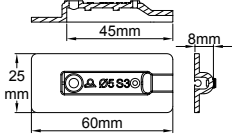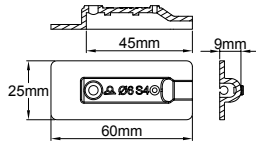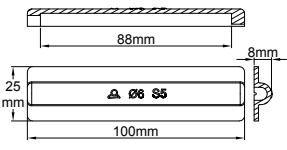
Silicone boots for mounting of temperature sensors and thermostats bulbs on flexible silicone heaters surface. Assembly by bonding or vulcanization.

Type
9BFS

Some of these boots comprise a degassing orifice and a "funnel" orifice for filling the silicone resin, which are cut after curing.

Type	Dimensions	Compatible devices	Features	Part number
	19mm, 5.2mm, 25mm, 30mm, S1	Flat RTD	**Minimum band width:** 25mm **Connection:** external sensor cable **Silicone resin filling:** yes	9BFS1
	19mm, 3.5mm, 25mm, 30mm, S2	Naked welding thermocouple or glass bead thermistor	**Minimum band width:** 25mm **Connection:** external sensor cable **Silicone resin filling:** yes	9BFS2
	45mm, 8mm, 25mm, Ø5 S3, 60mm	Temperature sensor dia. 5mm, 30mm maximum length	**Minimum band width:** 25mm **Connection:** external sensor cable **Silicone resin filling:** yes	9BFS3
	45mm, 9mm, 25mm, Ø6 S4, 60mm	Temperature sensor dia. 6mm, 30mm maximum length	**Minimum band width:** 25mm **Connection:** external sensor cable **Silicone resin filling:** yes	9BFS4
	88mm, 8mm, 25mm, Ø6 S5, 100mm	Temperature sensor dia. 6mm or thermostat bulb dia. 6mm, maximum length 88mm	**Minimum band width:** 25mm **Connection:** external sensor cable or capillary **Silicone resin filling:** possible	9BFS5
	68mm, 8mm, 25mm, Ø6 S6, 80mm	Temperature sensor dia. 6mm or thermostat bulb dia. 6mm, maximum length 68mm	**Minimum band width:** 25mm **Connection:** external sensor cable or capillary **Silicone resin filling:** possible	9BFS6
	19mm, 3.5mm, 15mm, S7, 30mm	Naked welding thermocouple or glass bead thermistor	**Minimum band width:** 15mm **Connection:** external sensor cable or capillary **Silicone resin filling:** possible	9BFS7

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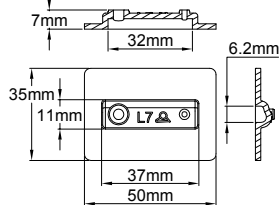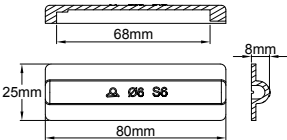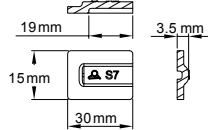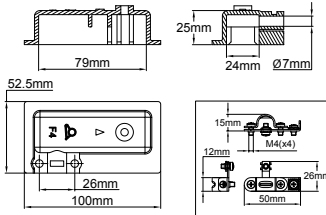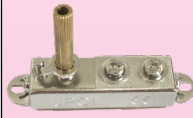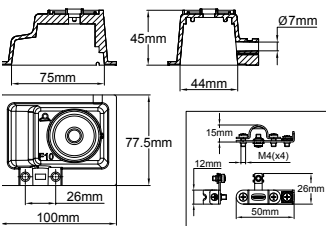# Silicone enclosures for mounting of adjustable thermostats on flexible silicone heaters surface. Assembly by bonding or vulcanization.
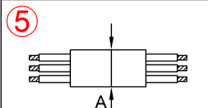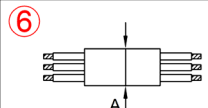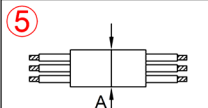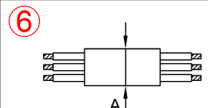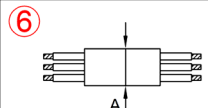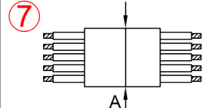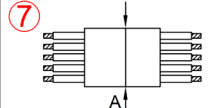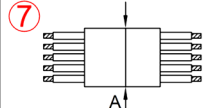
<table>
<tr><td colspan="2" style="text-align:center">Type

9BFF</td></tr>
</table>

These enclosures include a stainless-steel removable locking device for the power cable and an internal and external grounding terminal. Some models also include a thick insulating silicone foam pad to thermally insulate the thermostat body from the temperature of the heater. The models for bulb and capillary thermostat have a lateral outlet for the capillary. The flexibility of the silicone makes it possible to use cables with a diameter slightly greater (up to 15%) than that of the passage opening.

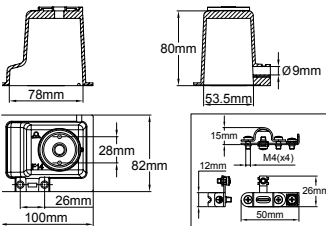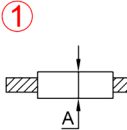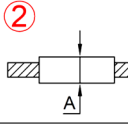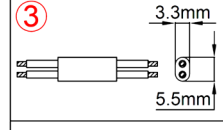| Type	Dimensions	Compatible devices	Features	Part number
	25mm, 79mm, 52.5mm, 24mm, Ø7mm, 15mm, 12mm, M4(x4), 26mm, 26mm, 100mm, 50mm	IB	**Minimum band width:** 100mm **Connection:** external cable **Silicone resin filling:** no	9BFF4
	45mm, 75mm, Ø7mm, 44mm, 77.5mm, 15mm, 12mm, M4(x4), 26mm, 26mm, 100mm, 50mm	8G	**Minimum band width:** 100mm **Connection:** external cable and external bulb and capillary **Silicone resin filling:** no	9BFF10
	80mm, 78mm, 53.5mm, Ø9mm, 28mm, 82mm, 15mm, 12mm, M4(x4), 26mm, 26mm, 100mm, 50mm	8C	**Minimum band width:** 100mm **Connection:** external cable and external bulb and capillary **Silicone resin filling:** no	9BFF14

Indicative table of cable and wire diameters

①
AWG22	A=Ø1.4±0.1
AWG20	A=Ø1.6±0.1
AWG18	A=Ø1.9±0.1
AWG16	A=Ø2.2±0.1
AWG15	A=Ø2.3±0.1

②
0.5 mm²	A=Ø1.5±0.1
0.75 mm²	A=Ø1.8±0.1
1 mm²	A=Ø1.9±0.1
1.5 mm²	A=Ø2.2±0.1

③ 3.3mm, 5.5mm, 2 X 0.75 mm²

④
2 X 0.75 mm²	A=Ø6.5±0.1
2 X 1 mm²	A=Ø6.8±0.1

⑤
3 X 1 mm²	A=Ø7.2±0.1
3 X 1.5 mm²	A=Ø8.4±0.1

⑥
3 X 1.5 mm²	A=Ø9.1±0.2
3 X 1 mm²	A=Ø7.4±0.2
3 X AWG18	A=Ø7.8±0.2
3 X AWG16	A=Ø8.4±0.2

⑦
5 X 1.5 mm²	A=Ø11.1±0.2
5 X 1 mm²	A=Ø9.0±0.2
5 X AWG18	A=Ø9.3±0.2
5 X AWG16	A=Ø10.1±0.2

1: Round wires FEP insulation, 300V, dimensions USA;
2: Round wires FEP insulation, 300V, European dimensions;
3: Flat cable PVC insulation, 300V, European dimensions;
4: Round cables 2 conductors PVC insulation, 300V, European dimensions;
5: Round cables 3 conductors PVC insulation, 300V, European dimensions:
6: Round cables 3 conductors rubber insulation 300V, European and USA dimensions.
7: Round cables 5 conductors rubber insulation 300V, European and USA dimensions.

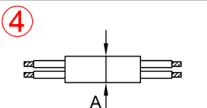# Silicone boots for cable outputs on flexible silicone heaters surface. Assembly by bonding or vulcanization.
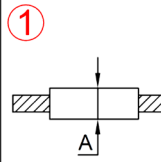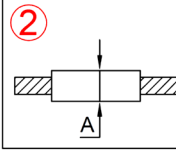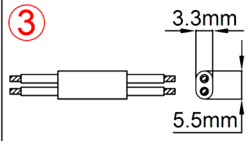
Type
9BFH

These enclosures include a stainless-steel removable locking device for the power cable and an internal and external grounding terminal. The flexibility of the silicone makes it possible to use cables with a diameter slightly greater (up to 15%) than that of the passage opening.

Type	Dimensions	Compatible devices	Features	Part number
		Band heaters with 50mm minimum width	**Minimum band width:** 50mm **Connection:** external cable **Silicone resin filling:** yes	9BFH1
		Band heaters with 35mm minimum width	**Minimum band width:** 35mm **Connection:** external cable **Silicone resin filling:** no	9BFH2

Indicative table of cable and wire diameters

①		
	AWG22	A=Ø1.4±0.1
	AWG20	A=Ø1.6±0.1
	AWG18	A=Ø1.9±0.1
	AWG16	A=Ø2.2±0.1
	AWG15	A=Ø2.3±0.1

②		
	0.5 mm²	A=Ø1.5±0.1
	0.75 mm²	A=Ø1.8±0.1
	1 mm²	A=Ø1.9±0.1
	1.5 mm²	A=Ø2.2±0.1

③ 3.3mm / 5.5mm
2 X 0.75 mm²

④		
	2 X 0.75 mm²	A=Ø6.5±0.1
	2 X 1 mm²	A=Ø6.8±0.1

⑤		
	3 X 1 mm²	A=Ø7.2±0.1
	3 X 1.5 mm²	A=Ø8.4±0.1

⑥		
	3 X 1.5 mm²	A=Ø9.1±0.2
	3 X 1 mm²	A=Ø7.4±0.2
	3 X AWG18	A=Ø7.8±0.2
	3 X AWG16	A=Ø8.4±0.2

⑦		
	5 X 1.5 mm²	A=Ø11.1±0.2
	5 X 1 mm²	A=Ø9.0±0.2
	5 X AWG18	A=Ø9.3±0.2
	5 X AWG16	A=Ø10.1±0.2

1: Round wires FEP insulation, 300V, dimensions USA;
2: Round wires FEP insulation, 300V, European dimensions;
3: Flat cable PVC insulation, 300V, European dimensions;
4: Round cables 2 conductors PVC insulation, 300V, European dimensions;
5: Round cables 3 conductors PVC insulation, 300V, European dimensions:
6: Round cables 3 conductors rubber insulation 300V, European and USA dimensions.
7: Round cables 5 conductors rubber insulation 300V, European and USA dimensions.
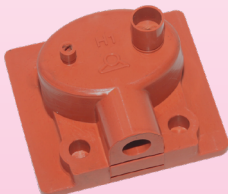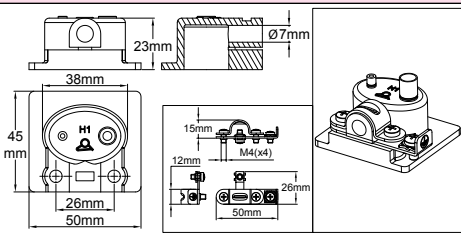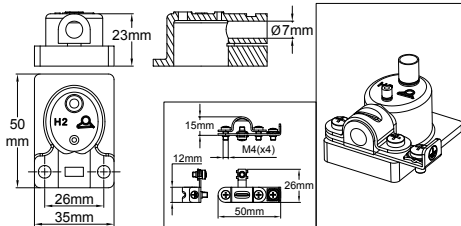
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Silicone boots for cable outputs with temperature limiters on flexible silicone heaters surface. Assembly by bonding or vulcanization.
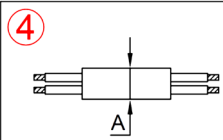
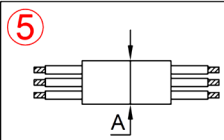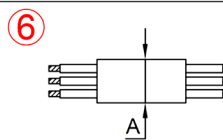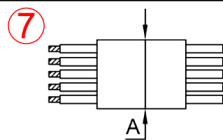| Type |
|------|
| **9BFP** |

These enclosures include a stainless-steel removable locking device for the power cable and an internal and external grounding terminal. The flexibility of the silicone makes it possible to use cables with a diameter slightly greater (up to 15%) than 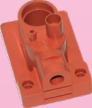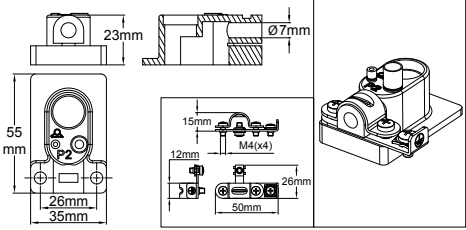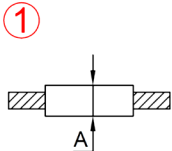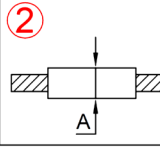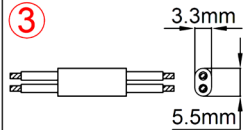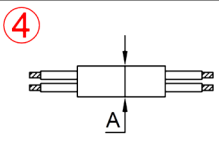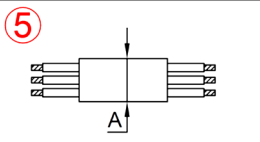that of the passage opening. They also comprise a degassing orifice and a "funnel" orifice for filling the silicone resin, which are cut after curing.

Type	Dimensions	Compatible devices	Features	Part number
	22mm, 81.8mm, 11.8mm, 26.8mm, Ø7mm, 70mm, 26mm, 100mm, 15mm, 12mm, M4(x4), 26mm, 50mm	4903	**Minimum band width:** 100mm **Connection:** external cable **Silicone resin filling:** yes	9BFP1
	23mm, Ø7mm, 55mm, 26mm, 35mm, 15mm, 12mm, M4(x4), 26mm, 50mm	4903	**Minimum band width:** 35mm **Connection:** external cable **Silicone resin filling:** yes	9BFP2

Indicative table of cable and wire diameters

①			②			③	
	AWG22	A=Ø1.4±0.1		0.5 mm²	A=Ø1.5±0.1		3.3mm
	AWG20	A=Ø1.6±0.1		0.75 mm²	A=Ø1.8±0.1		5.5mm
	AWG18	A=Ø1.9±0.1		1 mm²	A=Ø1.9±0.1		
	AWG16	A=Ø2.2±0.1		1.5 mm²	A=Ø2.2±0.1		2 X 0.75 mm²
	AWG15	A=Ø2.3±0.1					

④		⑤		⑥	
				3 X 1.5 mm²	A=Ø9.1±0.2
				3 X 1 mm²	A=Ø7.4±0.2
2 X 0.75 mm²	A=Ø6.5±0.1	3 X 1 mm²	A=Ø7.2±0.1	3 X AWG18	A=Ø7.8±0.2
2 X 1 mm²	A=Ø6.8±0.1	3 X 1.5 mm²	A=Ø8.4±0.1	3 X AWG16	A=Ø8.4±0.2

⑦	
5 X 1.5 mm²	A=Ø11.1±0.2
5 X 1 mm²	A=Ø9.0±0.2
5 X AWG18	A=Ø9.3±0.2
5 X AWG16	A=Ø10.1±0.2

1: Round wires FEP insulation, 300V, dimensions USA;
2: Round wires FEP insulation, 300V, European dimensions;
3: Flat cable PVC insulation, 300V, European dimensions;
4: Round cables 2 conductors PVC insulation, 300V, European dimensions;
5: Round cables 3 conductors PVC insulation, 300V, European dimensions:
6: Round cables 3 conductors rubber insulation 300V, European and USA dimensions.
7: Round cables 5 conductors rubber insulation 300V, European and USA dimensions.

Silicone boots for cable outputs and temperature sensor on flexible silicone heaters surface. Assembly by bonding or vulcanization.
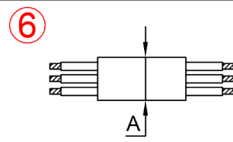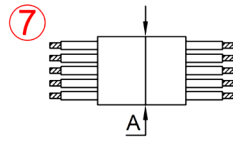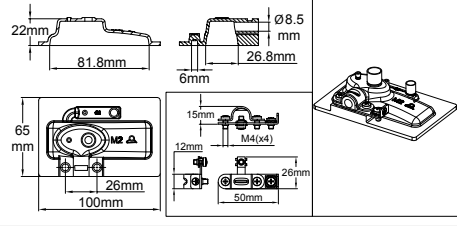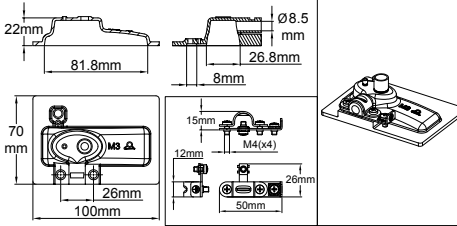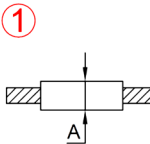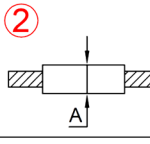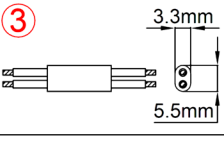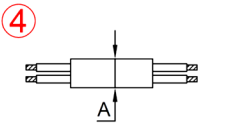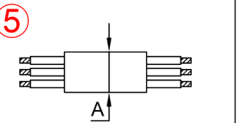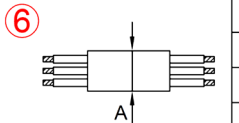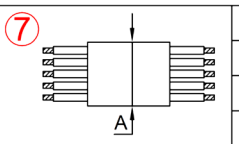
Type
9BFM

These enclosures include a stainless-steel removable locking device for the power cable and an internal and external grounding terminal. The flexibility of the silicone makes it possible to use cables with a diameter slightly greater (up to 15%) than that of the passage opening. They also comprise a degassing orifice and a «funnel» orifice for filling the silicone resin, which are cut after curing.

Type	Dimensions	Compatible devices	Features	Part number
	22mm, 81.8mm, Ø8.5mm, 26.8mm, 5mm, 65mm, 15mm, M4(x4), 12mm, 26mm, 100mm, 50mm, 26mm	Dia 5mm temperature sensors with 30mm maximum probe length	**Minimum band width:** 100mm **Connection:** 5 conductor external cable **Silicone resin filling:** yes	9BFM1
	22mm, 81.8mm, Ø8.5mm, 26.8mm, 6mm, 65mm, 15mm, M4(x4), 12mm, 26mm, 100mm, 50mm, 26mm	Dia. 6mm temperature sensors with 30mm maximum probe length	**Minimum band width:** 100mm **Connection:** 5 conductor external cable **Silicone resin filling:** yes	9BFM2
	22mm, 81.8mm, Ø8.5mm, 26.8mm, 8mm, 70mm, 15mm, M4(x4), 12mm, 26mm, 100mm, 50mm, 26mm	Naked welding thermocouples, glass bead NTC, flat chip Pt100	**Minimum band width:** 100mm **Connection:** 5 conductor external cable **Silicone resin filling:** yes	9BFM3

Indicative table of cable and wire diameters

①

AWG22	A=Ø1.4±0.1
AWG20	A=Ø1.6±0.1
AWG18	A=Ø1.9±0.1
AWG16	A=Ø2.2±0.1
AWG15	A=Ø2.3±0.1

②

0.5 mm²	A=Ø1.5±0.1
0.75 mm²	A=Ø1.8±0.1
1 mm²	A=Ø1.9±0.1
1.5 mm²	A=Ø2.2±0.1

③ 3.3mm / 5.5mm

2 X 0.75 mm²	

④

2 X 0.75 mm²	A=Ø6.5±0.1
2 X 1 mm²	A=Ø6.8±0.1

⑤

3 X 1 mm²	A=Ø7.2±0.1
3 X 1.5 mm²	A=Ø8.4±0.1

⑥

3 X 1.5 mm²	A=Ø9.1±0.2
3 X 1 mm²	A=Ø7.4±0.2
3 X AWG18	A=Ø7.8±0.2
3 X AWG16	A=Ø8.4±0.2

⑦

5 X 1.5 mm²	A=Ø11.1±0.2
5 X 1 mm²	A=Ø9.0±0.2
5 X AWG18	A=Ø9.3±0.2
5 X AWG16	A=Ø10.1±0.2

1: Round wires FEP insulation, 300V, dimensions USA;
2: Round wires FEP insulation, 300V, European dimensions;
3: Flat cable PVC insulation, 300V, European dimensions;
4: Round cables 2 conductors PVC insulation, 300V, European dimensions;
5: Round cables 3 conductors PVC insulation, 300V, European dimensions:
6: Round cables 3 conductors rubber insulation 300V, European and USA dimensions.
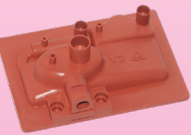7: Round cables 5 conductors rubber insulation 300V, European and USA dimensions.
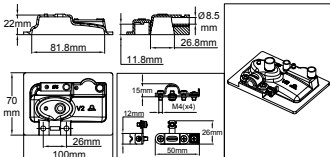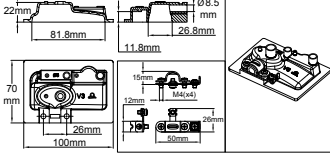
Silicone boots for cable outputs with temperature limiter and temperature sensor on flexible silicone heaters surface. Assembly by bonding or vulcanization.
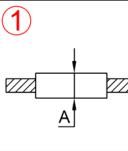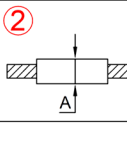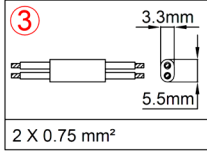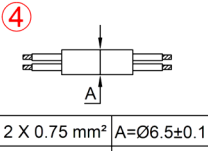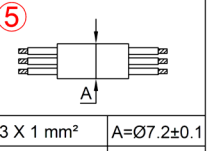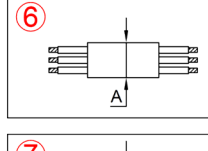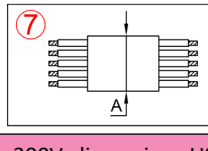
Type

9BFV

These enclosures include a stainless-steel removable locking device for the power cable and an internal and external grounding terminal. The flexibility of the silicone makes it possible to use cables with a diameter slightly greater (up to 15%) than that of the passage opening. They also comprise a degassing orifice and a «funnel» orifice for filling the silicone resin, which are cut after curing.

Type	Dimensions	Compatible devices	Features	Part number
		Naked welding thermocouples, glass bead NTC, flat chip Pt100. Disc thermostat type 4903	**Minimum band width:** 100mm **Connection:** 5 conductor external cable **Silicone resin filling:** yes	9BFV1
		Dia. 5mm temperature sensors with 30mm maximum probe length	**Minimum band width:** 100mm **Connection:** 5 conductor external cable **Silicone resin filling:** yes	9BFV2
		Dia. 6mm temperature sensors with 30mm maximum probe length	**Minimum band width:** 100mm **Connection:** 5 conductor external cable **Silicone resin filling:** yes	9BFV3

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2 X 0.75 mm²

④	
2 X 0.75 mm²	A=Ø6.5±0.1
2 X 1 mm²	A=Ø6.8±0.1

⑤	
3 X 1 mm²	A=Ø7.2±0.1
3 X 1.5 mm²	A=Ø8.4±0.1

⑥	
3 X 1.5 mm²	A=Ø9.1±0.2
3 X 1 mm²	A=Ø7.4±0.2
3 X AWG18	A=Ø7.8±0.2
3 X AWG16	A=Ø8.4±0.2

⑦	
5 X 1.5 mm²	A=Ø11.1±0.2
5 X 1 mm²	A=Ø9.0±0.2
5 X AWG18	A=Ø9.3±0.2
5 X AWG16	A=Ø10.1±0.2

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7: Round cables 5 conductors rubber insulation 300V, European and USA dimensions.