


**Insulation entry bush**

Designation	Description	PU	Order no.
PSB/PSBL	connecting cable (3 x 1.5 mm <sup>2</sup> ; 3 x 2.5 mm <sup>2</sup> )	unit	<b>05-0020-0472</b>
MSB/HSB		unit	<b>05-0020-0091</b>
HTSB	metal screw	unit	<b>05-0020-0516</b>
Pt100 Ex	M25	unit	<b>05-0020-0261</b>
EKL	single/1 x Pt100 M (media-protected)	unit	<b>05-0020-0262</b>
EKL	double/2 x Pt100 M (media-protected)	unit	<b>05-0020-0343</b>

An insulation entry bush is used to prevent the heating cable being damaged where it passes through the thermal insulation outer cladding. The plate is made of stainless steel (1.4301).


**Adhesive tapes**

Designation	Description	PU	Order no.
Aluminium self-adhesive tape +80 °C*	50 m long, 50 mm wide Temp. up to +80 °C; weight 560 g	roll	<b>02-5500-0003</b>
Aluminium self-adhesive tape +150 °C*	55 m long, 50 mm wide Temp. up to +150 °C; weight 440 g	roll	<b>02-5500-0014</b>
Aluminium foil, 1 000/100 m	100 m long, 1000 mm wide; 0.05 mm thick	roll	<b>02-2430-0002</b>
Aluminium foil, 1 000/10 m	10 m long, 1000 mm wide; 0.05 mm thick	roll	<b>02-2430-0003</b>
Textile self-adhesive tape +90 °C	50 m long, 12 mm wide Temp. up to +80 °C; non-removable up to +90 °C, weight 180 g	roll	<b>02-5500-0001</b>
Polyester self-adhesive tape +100 °C	50 m long, 19 mm wide Temp. up to +70 °C; non-removable up to +100 °C, weight 150 g	roll	<b>02-5500-0005</b>
Glass-fibre self-adhesive tape +250 °C**	50 m long, 11 mm wide Temp. up to +180 °C continuous, short-term +250 °C; weight 120 g	roll	<b>02-5500-0047</b>

\* The aluminium self-adhesive tape is recommended for improving thermal conductivity and is indispensable for heating plastic pipes.

\*\* The glass-fibre self-adhesive tape is recommended for attaching heating cables onto stainless steel and smooth surfaces in the high-temperature range.

**Over insulation caution labels**


Designation	Description	PU	Order no.
Self-adhesive label*	"Elektrisch beheizt", weight: 4 g	unit	<b>05-2144-0046</b>
	"Electrically heated", weight: 4 g	unit	<b>05-2144-0047</b>
	"Traçage électrique", weight: 4 g	unit	<b>05-2144-0703</b>
	"Электрообогрев", weight: 4 g	unit	<b>05-2144-0860</b>

\*other languages on request

**Connection cables**

Designation	Description	PU	Order no.
Connection cables Heat-resistant	3 x 1.5 mm <sup>2</sup> , Cross section D <sub>A</sub> 8.5 mm (Quality HO5SS-F, outer jacket EWKF, -50 °C to +180 °C)	metre	<b>02-4034-0008</b>
	3 x 2.5 mm <sup>2</sup> , Cross section D <sub>A</sub> 9.8 mm (Quality HO5SS-F, outer jacket EWKF, -50 °C to +180 °C)	metre	<b>02-4034-0027</b>

**Crimping Accessories**

Designation	Description	PU	Order no.
Crimp-Set EKL	Crimping pliers in the boot and crimp insert 1.5 to 10 mm <sup>2</sup>	unit	<b>03-5545-0001</b>
	Butt Connectors Nickel 1.5 to 2.5 mm <sup>2</sup> , 100 pieces	box	<b>03-7035-0008</b>

**Mounting plates and brackets**



Designation	Description	PU	Order no.
in stainless steel (1.4301)	Mounting bracket MWG/MWU 270 stainless steel	unit	<b>05-0091-0051</b>
For securing enclosures and thermostats to pipework and vessels.	Mounting plate SS 110 for polyester enclosure with dimensions 110 mm x 75 mm x 55 mm	unit	<b>05-0091-0010</b>
	Mounting plate SS 122 for polyester enclosure with dimensions 122 mm x 120 mm x 90 mm	unit	<b>05-0091-0011</b>
	Mounting plate SS 220 for polyester enclosure with dimensions 220 mm x 120 mm x 90 mm	unit	<b>05-0091-0012</b>
	Mounting plate SS 160 for polyester enclosure with dimensions 160 mm x 160 mm x 90 mm	unit	<b>05-0091-0013</b>
	Mounting plate SS 260 for polyester enclosure with dimensions 260 mm x 160 mm x 90 mm	unit	<b>05-0091-0014</b>
	Mounting plate SS 360 for polyester enclosure with dimensions 360 mm x 160 mm x 90 mm	unit	<b>05-0091-0015</b>
	Mounting plate SS 255 for polyester enclosure with dimensions 255 mm x 250 mm x 90 mm	unit	<b>05-0091-0016</b>
	Mounting plate SS 400 for polyester enclosure with dimensions 400 x mm 250 mm x 90 mm	unit	<b>05-0091-0017</b>
	Mounting plate SS for DTW/DTB	unit	<b>05-0091-0221</b>

**Mounting plates and brackets**



Designation	Description	PU	Order no.
in galvanised steel	Mounting bracket, twisted, mounting distance 200 mm	unit	<b>05-0105-0162</b>
Each mounting bracket requires a mounting plate to fit the size of the enclosure.	Mounting bracket, U-shaped, mounting distance 200 mm	unit	<b>05-0105-0163</b>
	Mounting plate for polyester enclosure, dimensions 110 mm x 75 mm x 55 mm	unit	<b>05-0005-0014</b>
	Mounting plate for polyester enclosure, dimensions 122 mm x 120 mm x 90 mm	unit	<b>05-0005-0015</b>
	Mounting plate for polyester enclosure, dimensions 220 mm x 120 mm x 90 mm	unit	<b>05-0005-0016</b>
	Mounting plate for polyester enclosure, dimensions 160 mm x 160 mm x 90 mm	unit	<b>05-0005-0017</b>
	Mounting plate for polyester enclosure, dimensions 260 mm x 160 mm x 90 mm	unit	<b>05-0005-0018</b>
	Mounting plate for DTW/DTB	unit	<b>05-0091-0222</b>
	Mounting plates for aluminium enclosures on request.		

1

**Cable ties**

Designation	Description	PU	Order no.
Tie installation tool		unit	<b>03-5510-0004</b>
Stainless steel cable ties (1.4301)	up to DN 15, length 127 mm, 100 unit	pack	<b>03-6510-0211</b>
	up to DN 40, length 201 mm, 100 unit	pack	<b>03-6510-0207</b>
	up to DN 80, length 362 mm, 100 unit	pack	<b>03-6510-0208</b>
	up to DN 150, length 679 mm, 100 unit	pack	<b>03-6510-0209</b>
	up to DN 300, length 998 mm, 25 unit	pack	<b>03-6510-0210</b>
Nylon cable ties for fixing heating cables to wire mats (max. temperature +105 °C)	Length 92 mm, 1000 piece	box	<b>03-6500-0014</b>
	Length 200 mm, 1000 piece	box	<b>03-6500-0015</b>

**Fixing straps**

Designation	Description	PU	Order no.
Special fixing straps	for fixing mounting brackets on pipes, weight 55 g/m; width 14 mm, length 30 m short length: indicate required length in plain text	roll	<b>03-6510-0202</b>
		metre	<b>03-6510-0227</b>
Buckle	for special fixing strap 14 mm, AF 8, weight 16 g, fastened with open-ended spanner	unit	<b>03-6515-0200</b>
SS fixing strap 3/8"	weight 60g/m; length 30 m	roll	<b>03-6510-0203</b>
SS buckle 3/8"	for SS fixing strap 3/8", fix with tensioning tool, weight 15 g, box 100 pieces	box	<b>03-6515-0201</b>
SS fixing strap 3/4"	weight 110 g/m; length 30 m	roll	<b>03-6510-0204</b>
SS buckle 3/4"	for SS fixing strap 3/4", fix with tensioning tool, weight 15 g, 2 pieces a corner; box 100 pieces	box	<b>03-6515-0202</b>
Tensioning tool	for SS fixing strap	unit	<b>03-5510-0003</b>
Polyester fixing strap	for fixing heating tapes to tanks/vessels width 16 mm, temp. up to +105 °C, weight: 20 g/m indicate required length in plain text	metre	<b>03-6500-0100</b>
Buckle	for polyester fixing strap width 16 mm, weight 13 g	unit	<b>03-6515-0203</b>
Wire mesh	width 1.0 m, length 25 m, zinc-coated, pitch 12 mm	roll	<b>02-2210-0002</b>
	width 1.0 m, length 25 m, stainless steel, pitch 16 mm	roll	<b>02-2210-0003</b>
Lacing wire	Diameter = 0.65 mm, zinc-coated	roll	<b>02-2310-0003</b>
	Diameter = 0.65 mm, stainless steel	roll	<b>02-2310-0002</b>
Securing pins	SS (1000/box), Ø 2.1 mm, length 30 mm	box	<b>02-5470-0002</b>
	Cu zinc-coated (1000/box), Ø 2.1 mm, length 32 mm	box	<b>02-5470-0001</b>
Self retaining washers	SS (1000/box), Ø 30 mm for securing pins	box	<b>02-5479-0001</b>
	Cu zinc-coated (1000/box), Ø 30 mm for securing pins	box	<b>02-5479-0002</b>
Spacing strips	EKL spacing strip; length 20 m	roll	<b>03-6510-0219</b>
	EKL spacing strip; length 50 m	roll	<b>03-6510-0200</b>
	EMK spacing strip, stainless steel, length 20 m	roll	<b>03-6510-0201</b>

Technical data subject to change without notice.