

Mould Interface Cables



General:

The cables are purpose-designed for industrial applications in mechanical and equipment engineering. Combining high ruggedness and flexibility with good resistance to a wide range of

fluids and chemicals, they can be used in dry as well as in wet rooms when subjected to normal mechanical loads.

Heater Cables

Leads:	Fine-stranded conductor, black with white-printed numbers + GN/YE (PE), acc. to VDE0295 Class 5 / IEC 228 C15
Sheathing:	PVC grey
Temperature Range:	Flexible installation: +5...+70°C; fixed installation: -30...+80°C
Nominal Voltage Uo/U:	300/500 V
Test Voltage:	4000 V
Insulation Resistance:	> 20 GΩ
Certification:	VDE Reg. No. 7030

Meter Ware

Leads/Cross Section mm ²	ø mm	Zones	Part No.
18 x 1.5	14.4	8	800-00-08
25 x 1.5	16.9	12	800-00-12
34 x 1.5	19.5	16	800-00-16

Both Ends Customised

Designation	Zones	Connector*	Part No.
HK x - 8	8	16-pin	800-xx-08
HK x - 12	12	24-pin	800-xx-12
HK x - 16	16	32-pin	800-xx-16

* Other designs and lengths available upon request
xx = lengths in m

Thermocouple Cables

Designation:	Thermocouple Compensation Line Fe/CuNi Type J
Leads:	Paired fine-stranded conductor made from specialty materials, 0,5 mm ² , black + / white -, PVC insulated, pairs numbered, acc. DIN IEC 584 / DIN 43713 E
Sheathing:	PVC black
Temperature Range:	Flexible installation: +5...+70°C, fixed installation: -30...+80°C
Limit Deviation:	DIN 43714 acc. Class 2

Meter Ware

Leads/Cross Section mm ²	ø mm	Zones	Part No.
8 x 2 x 0,5	11	8	810-00-08
12 x 2 x 0,5	13	12	810-00-12
16 x 2 x 0,5	15	16	810-00-16

Both Ends Customised

Designation	Zones	Connector*	Part No.
FK x - 8	8	16-polig	810-xx-08
FK x - 12	12	24-polig	810-xx-12
FK x - 16	16	32-polig	810-xx-16

* Other designs and lengths available upon request
xx = lengths in m

Combi Cables

Single-cable special design for thermocouples and heaters

Thermo-pairs:	Inner layer with paired, fine-stranded conductor made from specialty materials, 0.5 mm ² , black + / white -, PVC insulated, shielded, pairs numbered
Power wires:	Fine-stranded conductor, 1,5mm ² , black with white-printed numbers + GN/YE (PE),
Sheathing:	PVC grey
Temperature Range:	Flexible installation: +5...+70°C, fixed installation: -30...+80°C

Meter Ware

Leads/Cross Section	ø mm	Zones	Part No.
KK2	13	2	820-00-02
KK4	14	4	820-00-04
KK6	16	6	820-00-06

Both Ends Customised

Designation	Zones	Connector*	Part No.
KK x - 1	1	6-polig	820-xx-01
KK x - 2	2	10-polig	820-xx-02
KK x - 4	4	16-polig	820-xx-04
KK x - 6	6	24-polig	820-xx-06

* Other designs and lengths available upon request
xx = lengths in m

**Customer-specific connector type and pin assignment will be separately specified.
See attached "Mould Interface Cable Specifications" Form.**



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