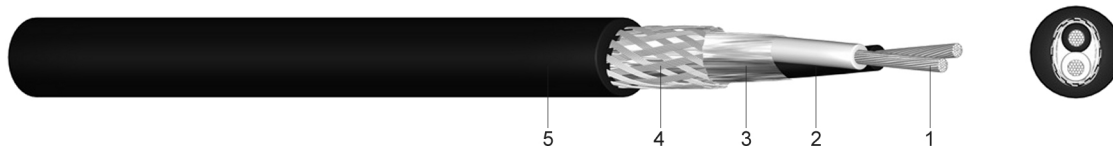


90 E/N/P/C

Silicone Insulated Compensating and Extension Cable with Screening

Application:

These cables are suitable for installations in dry, humid and wet locations as temperature measuring cables for areas such as the plastic industry in machine engineering, industrial oven construction as well as blast furnace plants in the steel industry. PVC-, fibre-glass- and asbestos-substitute insulated or sheathed compensating and extension cables are not suitable for open-air use except for the PVC-sheathed solid conductor type which can be used for underground laying, too.



Construction:

- 1 solid or fine-stranded conductor
conductor material, depending on the kind of elements
- 2 core insulation of silicone (2G11)
- 3 layer of plastic foil
- 4 screening of an aluminium foil with drain wire
- 5 outer sheath of silicone (2GM1)

Standards:

IEC 60584 (core identification)
Core identification and temperatur ranges as download at: www.meinhart.at/service/download

Technical data:

Temperature range

in motion
fixed
temporary resilient
standard

-25°C till +180°C
-25°C till +180°C
+250°C
EN 60332-1-2

Flammability

Type	Materials per DIN 60584	for thermo-couple	Conductor construct. appr. value mm	Form	Overall. dieiameter appr. mm	Weight approx. kg/km
90E 6L 2 x 1,5	Fe-CuNi	Typ L	48 x 0,20	round	8,0	94
90E 6L 2 x 1,5	SoNiCr-SoNi	Typ K	48 x 0,20	round	8,0	94
90E 6L 2 x 1,5	SoPtRh-SoPt	Typ S	48 x 0,20	round	8,0	94
90E 6L 2 x 1,5	Cu-CuNi	Typ U	48 x 0,20	round	8,0	94
90E 6L 2 x 1,5	Fe-CuNi	Typ L	1 x 1,38	round	7,8	92
90E 6L 2 x 1,5	SoNiCr-SoNi	Typ K	1 x 1,38	round	7,8	92
90E 6L 2 x 1,5	SoPtRh-SoPt	Typ S	1 x 1,38	round	7,8	92
90E 6L 2 x 1,5	Cu-CuNi	Typ U	1 x 1,38	round	7,8	92

Further cross-sections and core-quantities as well as standards and configurations upon request