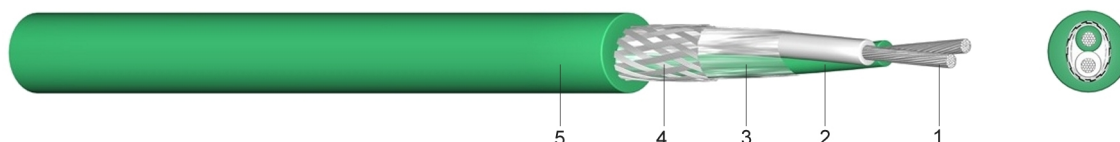


## 90 E/N/P/C PVC Insulated Compensating and Extension Cable with Screening

### 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 polyvinylchloride (PVC)
- 3 ..... layer of plastic foil
- 4 ..... screening of tinned copper braiding
- 5 ..... outer sheath of polyvinylchloride (PVC)

### Standards:

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

### Technical data:

Temperature range

in motion  
fixed

-5°C till +70°C  
-25°C till +70°C  
EN 60332-1-2

Flammability

standard

Type	Materials per DIN 60584	for thermo-couple	Conductor construct. appr. value mm	Form	Overall diameter appr. mm	Weight appr. kg/km
<b>with Copper braid</b>						
90E 5L 2 x 1,5	Fe-CuNi	Typ L	48 x 0,20	round	8,1	93
90N 5L 2 x 1,5	SoNiCr-SoNi	Typ K	48 x 0,20	round	8,1	93
90P 5L 2 x 1,5	SoPtRh-SoPt	Typ S	48 x 0,20	round	8,1	93
90C 5L 2 x 1,5	Cu-CuNi	Typ U	48 x 0,20	round	8,1	93
<b>with Aluminium foil</b>						
90E 5-022 2 x 0,22	Fe-CuNi	Typ L	7 x 0,20	round	4,0	31
90N 5-022 2 x 0,22	SoNiCr-SoNi	Typ K	7 x 0,20	round	4,0	31
90P 5-022 2 x 0,22	SoPtRh-SoPt	Typ S	7 x 0,20	round	4,0	31
90C 5-022 2 x 0,22	Cu-CuNi	Typ U	7 x 0,20	round	4,0	31
<b>with Aluminium foil</b>						
90E 20L 2 x 1,5	Fe-CuNi	Typ L	48 x 0,20	round	8,0	75
90N 20L 2 x 1,5	SoNiCr-SoNi	Typ K	48 x 0,20	round	8,0	75
90P 20L 2 x 1,5	SoPtRh-SoPt	Typ S	48 x 0,20	round	8,0	75
90C 20L 2 x 1,5	Cu-CuNi	Typ U	48 x 0,20	round	8,0	75