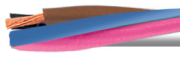


HELUCONTROL® PROFINET 24V POWER PVC / HELUCONTROL® PROFINET 24V POWER + FE PVC

PROFINET-connection cable, flexible



HELUCONTROL® PROFINET 24V POWER + FE PVC 5x0,75 QMM / 17001206 300/500 V CE

Technical data

- PVC cable adapted to
DIN VDE 0285-525-2-11 /
DIN EN 50525-2-11
- **Temperature range**
flexing -15°C to +80°C
fixed installation -40°C to +80°C
- **Nominal voltage**
U₀/U 300/500 V
- **Test voltage**
4000 V
- **Breakdown voltage**
min. 8000 V
- **Minimum bending radius**
flexing 7,5x outer Ø
fixed installation 4x outer Ø

Cable structure

- Bare copper conductor,
fine wire acc. to
DIN VDE 0295 cl.5 / IEC 60228 cl.5
- Core insulation of special PVC
compound type Z 7225
- **Core identification**
2 cores: BN (L1), BU (N1)
3 cores: BN (L1), BU (N1), PK (FE)
4 cores: BN (L1), BU (N1),
BK (L2), WH (N2)
5 cores: BN (L1), BU (N1),
BK (L2), WH (N2), PK (FE)
- Cores stranded with optimal
lay length
- Outer sheath of special PVC
compound type TM2 acc. to
DIN VDE 0207-363-4-1/DIN EN 50363-4-1
- Sheath colour: grey (RAL 7001)
- With meter marking

Properties

- Extensively oil resistant,
oil-/chemical resistance
see "Technical Information"
- The materials used during manufacturing
are cadmium-free, contain no silicone
and are free from substances harmful
to the wetting properties of lacquers

Tests

- Flame retardant acc. to
DIN VDE 0482-332-1-2 /
DIN EN 60332-1-2 / IEC 60332-1-2

Note

- + FE = pink functional earthing conductor
- The conductor is metrically constructed
(mm²). The AWG designation is
approximate and purely informative.

Application

These cables are appropriate for flexible use with medium mechanical stresses, and free movement without tensile stress or forced movements in dry, moist and wet rooms but not open air. As PROFINET-connection cable, the cable serves as a power supply for PROFINET-components on machine tools, assembly lines and conveyor belts, production lines and in plant construction.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

HELUCONTROL® PROFINET 24V POWER PVC

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
17001197	2 x 0,75	5,3	14,4	46,0	19
17001198	2 x 1,5	6,4	29,0	70,0	16
17001199	2 x 2,5	7,8	48,0	112,0	14
17001203	4 x 0,75	6,3	28,8	66,0	19
17001204	4 x 1,5	7,6	58,0	109,0	16
17001205	4 x 2,5	9,2	96,0	178,0	14

HELUCONTROL® PROFINET 24V POWER +FE PVC

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
17001200	3 x 0,75	5,6	21,6	54,0	19
17001201	3 x 1,5	6,8	43,0	90,0	16
17001202	3 x 2,5	8,3	72,0	148,0	14
17001206	5 x 0,75	6,9	36,0	80,0	19
17001207	5 x 1,5	8,3	72,0	131,0	16
17001208	5 x 2,5	10,1	120,0	221,0	14

Dimensions and specifications may be changed without prior notice. (RA01)