



- Special core and sheath compound from PVC
- Temperature range flexing -5 °C to +70 °C
- fixed installation -30 °C to +80 °C Nominal voltage
- Tachofeedback-cable-C-PVC 450 V Increm. feedback-cable-C-PVC 250 V
- Test voltage core/core 2000 V core/screen 1000 V
- Breakdown voltage min. 4000 V
- Insulation resistance min. 20 MOhm x km
- Minimum bending radius 10x cable ø
- Radiation resistance up to 80x10⁶ cJ/kg (up to 80 Mrad)
- Coupling resistance max. 250 Ohm/km

Application

Both cables fulfil differing tasks for the control of servo-motors.

The tachofeedback-cable or response cable serves the regulation of the motor speed and measurement of the actual values. The incremental feedback-cable or position response cable transfers the control signals for positioning and engineering characteristics and is used as the flexible connecting cable for tachometer, brakes, pulse transmitter in system and mechanical engineering, in dry, damp and wet environments.

EMC = Electromagnetic compatibility

To optimise the EMC features we recommend a large round contact of the copper braiding on both ends.

C ← The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Tachofoodhack Cable

Tachofeedback-Cable						Incremental feedback-cable					
Part no.	No.cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.	Part no.	No.cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
22824	(9 x 0,5)	8,8	81,0	150,0	20	22825	(4 x 2 x 0,25 + 2 x 1,0)	8,8	66,0	110,0	24

Dimensions and specifications may be changed without prior notice. (RD01)

- Bare copper, fine wire conductor to DIN VDE 0295 cl. 5, BS 6360 cl. 5 and/or IEC 60228 cl. 5
- Special PVC core insulation
- Colour code Tachofeedback-cable: blue, white, red, pink, green, yellow, brown, black, grey Incremental feedback-cable: brown, black/red, green/light-brown, white, pink/grey, violet/blue Single cores or pairs stranded in laver with
- optimal lay-length pairs part no. 22825)
- Core wrapping with film
- Drain wire
- Tinned copper braided screening, coverage approx. 85%
- Special PVC outer sheath
- Colour grey (RAL 7001)
- with meter marking, change-over in 2011

• Extensively oil resistant, for oil-/ chemical Resistance see Techn. Information table

D

- PVC self-extinguishing and flame resistant to VDE 0482 part 265-2-1/ EN 50265-2-1/ IEC 60332-1 (equivalent to DIN VDE 0472 part 804 test type B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

