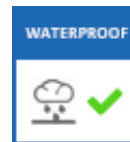




Servomotors, resolvers and encoder cables for fixed installation or application in power supply chains; 100% compatible with specific drive systems; Outer sheath makes them particularly suitable for use in industrial areas



Product description

Application range

- Plant engineering
- Servo drives and servo assemblies

Benefits

- Servomotors, resolvers and encoder cables for fixed installation or application in power supply chains
- 100% compatible with specific drive systems
- Outer sheath makes them particularly suitable for use in industrial areas

Product Make-up

- Design according to specific drive systems:
- Designs for fixed installation: PVC outer sheath, flame-retardant in accordance with IEC 332.1, UL/CSA-approved PP core insulation.
- Designs for highly flexible use: oil-resistant PUR sheath in accordance with VDE472-803 Part B, flame-retardant in accordance with IEC 60332.1-2, TPE core insulation.

Product Make-up

- Other versions and lengths can be delivered upon request.

Note

- For the highly flexible version, please observe the assembly guidelines for cables in power chain systems.
- Maximum cable length must comply with the specifications set by the manufacturer of the respective servo drives
- The technical data correspond to the cables used

Technical Data

Approvals

Resolver and encoder cable:

UL AWM Style 2464 for fixed installation versions, Style 21165 for highly flexible applications.

Motor cable:

UL AWM Style 2570 for fixed installation version
Style 20940 for high flexibility use.

Classification

ETIM 5.0 Class-ID: EC000104

ETIM 5.0 Class-Description: Control cable

Minimum bending radius

Fixed installation: 7.5 x outer diameter

Flexible use: 10 x outer diameter

Nominal voltage

Resolver and encoder cable:

30 V (VDE), 300 V (UL/CSA)

Resolver and encoder cable:

30 V (VDE), 300 V (UL/CSA)

Test voltage

Resolver and encoder cable: 1.5 kV

Motor cable:

- Power cores: 4 kV

- Control cores: 2 kV

Temperature range

Fixed installation: -25°C to +80°C

Flexible use: -5°C to +70°C