



Screened and abrasion-resistant control cables with PUR sheath for increased application requirements

Increased durability under harsh conditions thanks to robust PUR outer sheath; Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media; Copper braiding screens the cable against electromagnetic interference

- High mechanical strength
- · Good oil resistance
- EMC compliant copper screening











Product description

Application range

- Machine tools
- Industrial machinery and machine tools
- Measurement, control and electrical applications
- Very suitable for oily wet areas within machinery and production lines that are subject to normal mechanical stress
- Outdoor use is possible within the indicated operating temperature range

Benefits

· Increased durability under harsh conditions thanks to robust PUR outer sheath

ÖLFLEX® CLASSIC 400 CP



- Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media
- Copper braiding screens the cable against electromagnetic interference

Product Make-up

- Fine-wire strand made of bare copper wires
- · Core insulation: special PVC
- · Cores twisted in layers
- · PVC inner sheath, grey
- Tinned-copper braiding
- Special polyurethane outer sheath (PUR)
- Sheath colour: silver grey (RAL 7001)

Norm references / Approvals

Based on VDE 0285

Product features

- · High oil-resistance
- · Abrasion and notch-resistant
- EMC-compliant
- Low-adhesive surface
- Resistant to hydrolysis and microbes

Technical Data

Core identification code Classification

Conductor stranding

Minimum bending radius

Nominal voltage
Test voltage

Protective conductor

Temperature range

Black with white numbers acc. to VDE 0293-1 ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable Fine wire according to VDE 0295, class 5/IEC 60228 class 5 Occasional flexing: 20 x outer diameter Fixed installation: 6 x outer diameter U $_0$ /U: 300/500 V 4000 V G = with GN-YE protective conductor X = without protective conductor

Occasional flexing: -5°C to +70°C

Fixed installation: -40°C to +80°C