# ÖLFLEX® SMART 108


**Cost-effective VDE-registered PVC control cable**

SMART: good price/performance ratio – the ÖLFLEX® SMART 108 has everything a flexible control cable needs; SMART: environmentally friendly – internal sheath layer made from recycled PVC with the same high quality of the TM2 model

- VDE certificate of conformity with factory surveillance
- Only available in standard lengths and standard packagings


# Product description

## Application range

- For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load
- Dry or damp rooms that are subject to medium mechanical loads
- Main dimensions available, further dimensions see ÖLFLEX® CLASSIC 110
- For extended applications and individual lengths, see ÖLFLEX® CLASSIC 110

## Benefits

- SMART: good price/performance ratio – the ÖLFLEX® SMART 108 has everything a flexible control cable needs
- SMART: environmentally friendly – internal sheath layer made from recycled PVC with the same high quality of the TM2 model

# ÖLFLEX® SMART 108

## Product Make-up

- Fine-wire strand made of bare copper wires
- PVC insulation, TI2
- Two-layer PVC outer sheath, TM2; outside silvergrey

## Norm references / Approvals

- VDE reg. no. 8639

## Product features

- Flame-retardant according IEC 60332-1-2
- Good chemical resistance, see catalogue appendix T1
- Oil resistance: see data sheet

# Technical Data

| | |
|---|---|
| Core identification code | Black with white numbers acc. to VDE 0293-1 |
| Classification | ETIM 5.0 Class-ID: EC000104<br>ETIM 5.0 Class-Description: Control cable |
| Conductor stranding | Fine wire according to DIN EN 60228 (VDE 0295), class 5 / IEC 60228 class 5 |
| Minimum bending radius | Occasional flexing: 15 x outer diameter<br>Fixed installation: 4 x outer diameter |
| Nominal voltage | $U_0$/U: 300/500 V |
| Test voltage | 4000 V |
| Protective conductor | G = with GN-YE protective conductor<br>X = without protective conductor |
| Temperature range | Occasional flexing: -5°C to +70°C<br>Fixed installation: -40°C to +80°C |