

## **Suggested Copy for Lapp Limited in Farnell Catalogue**

### **Olflex® Classic 400P**

**(Farnell: Polyurethane Control Cable – UV, Microbe & Oil Resistant)**

#### **Application**

OLFLEX® CLASSIC 400 P cables are oil resistant control cables with a Polyurethane outer sheath, for flexible use and fixed installation for medium mechanical abuse. They are for use in dry, damp and wet rooms. With consideration to the specified temperature range it's possible to use it outside. OLFLEX® CLASSIC 400 P cables are increased oil resistant and at room temperature generally resistant against acids and caustics solution. The outer sheath is resistant against high mechanical abuse, particularly to abrasion and cutting. It is microbe-proof and hydrolysis resistant. OLFLEX® CLASSIC 400 P cables are for use as control -and power cable for machine tools and mechanical engineering. Continuous, busy movements, usage of these cables in moving cable carriers, respectively on motor drum guidance or under a strain of more than 15 N/mm<sup>2</sup> is not allowed.

#### **Technical data**

|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Conductor           | bare copper, fine wire strand in accordance to IEC 60228 that is VDE 0295, class 5                                             |
| Design              | in accordance to HD 21.13S1 that is VDE 0281-13                                                                                |
| Core insulation     | LAPP special PVC compound P8/1, better than PVC compound T12 in accordance to VDE 0281 part 1                                  |
| Identification      | in acc. to EN 50 334 resp. VDE 0293, black cores with white numbers with or without green/yellow ground conductor              |
| Outer sheath        | Polyurethane compound TPU in acc. to VDE 0282-10 (HD 22.10 S1)                                                                 |
| Nominal voltage     | 300/500 V                                                                                                                      |
| Test voltage        | 4000 V AC                                                                                                                      |
| Temp. range         | for flexible use -5 up to + 70° C max. conductor temperature<br>fixed installation -40 up to +80° C max. conductor temperature |
| Min. bending radius | flex. use 12,5 x cable diameter<br>fixed installation 4 x cable diameter                                                       |
| Oil resistance      | in acc. to VDE 0472 part 803 test method B                                                                                     |
| Tests               | in acc. to VDE 0472 and IEC 60 811-x.x that is VDE 0473                                                                        |
| EC directive        | This cable confirms to ECD 73/23/EEC (low voltage directive).                                                                  |