

# RELIABLY CONNECTING INDIA

LAPP, a German brand is a leading supplier of integrated solutions and branded products in the field of cable and connection technology.

We offer a wide range of innovative products and solutions ranging from standard and highly flexible power, control and data cables to industrial connectors, cable entry systems and accessories to customised plug and play solution.

LAPP caters to various industry segments ranging from automation, textile, automotive, machine tools, oil and gas, renewable energy, process industries to infrastructure and building sectors. 'We Reliably Connect India and the World' with our technologically advanced, highly reliable, robust and superior quality products.



## ÖLFLEX® 100 I

### OUR BRANDS



**ÖLFLEX®**  
Power and control cables



**UNITRONIC®**  
Data communication systems



**ETHERLINE®**  
Data communication systems  
for ETHERNET technology



**HITRONIC®**  
Optical transmission systems



**EPIC®**  
Industrial connectors



**SKINTOP®**  
Cable glands



**SILVYN®**  
Protective cable conduit systems  
and cable carrier systems



**FLEXIMARK®**  
Marking systems



# ÖLFLEX® 100 I

Colour coded PVC power and control cable



ÖLFLEX® 100 I cables are power and control cables from LAPP for fixed and flexible installation for industrial use. They are for use in dry, damp and wet atmosphere. At room temperature, they are generally resistant against acids, caustics solution and certain oils.

## APPLICATION

Our ÖLFLEX® 100 I cables are used in machine tool application, plant engineering, panels, heating, air conditioning installations, etc. They are suitable for free movement without forced guidance and tensile stress.

## FEATURES

- Flame retardant: In acc. IS 10810-53/IEC 60332.1
- Available in FR-LSH / UV / AR

## TECHNICAL SPECIFICATIONS

Parameter	Values
Cable Design	IS 694:2010
Conductor	Copper, fine wire strand class 5 in acc. to IS 8130-1984/IEC 60228
Core Insulation	PVC type D compound as per IS 5831-1984 with additional LAPP special properties
Identification	Color coded (As per IS 694:2010)
Outer Sheath	PVC type ST3 as per IS 5831-1984 with additional LAPP special properties
Outer Sheath Color	Grey ( RAL 7001)
Nominal Voltage	Up to and including 1100 V in acc. to IS 694:2010
Test Voltage	3000 V AC in acc. to IS 694:2010
Temp. Range	Up to +70°C
Min. Bending Radius	Occasional flexing installation: 15 x cable OD
Installation	4 X Cable OD
Testing Method	In acc. IS 694:2010