

Pro-Met® Industrial Cable

PRODUCT FACT SHEET



Metric Size	0.5 mm ² - 1.5 mm ²
Conductor Material	Stranded Bare Copper (DIN VDE 0295 Class 5)
Number of Conductors	2-12
Insulation Material	PVC (polyvinyl chloride)
Insulation Colour	Black Colour With Number Coding Plus 1 Green & Yellow With Protective Conductor
Jacket /Sheath Material	PVC (polyvinyl chloride)
Jacket Color	Grey (RAL 7001) or Transparent Jacket
Shielding	Unshielded or Tinned Copper Braid 80% coverage
Voltage Rating	300 / 500 V
Temperature Range	-30 °C TO +70 °C (Occasional movement) -40 °C TO +80 °C (Fixed installation)
Flex Rating	Up to 1M Flex Life Cycles
Bending Radius - Unshielded	10x OD (Dynamic Movement) 6 x OD (Fixed Installation)
Bending Radius - Shielded	20x OD (Occasional Movement) 6 x OD (Fix Installation)
Environmental Resistance	Good UV, Oil and Chemical Resistance
Oil Resistance Standard	DIN EN 50290-2-22 (TM54)
Flame Retardency Standard	VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1-2
Put-Ups Lengths	50M, 100M, 200M

GENERAL REFERENCE STANDARDS

- RoHS, Reach & CE
- DIN VDE 0295, IEC 60228, BS6360
- DIN EN 50290-2-22, DIN VDE 0207-363-4-1
- VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1-2
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- DIN EN 50290-2-22 (TM54)

APPLICATIONS

- Precision Control Sensors
- Multi Axis Motion Control
- Control Panels
- Motor Speed Controls
- Machine cutting tools
- Temperature Controllers

INDUSTRIES

- Food & Beverage
- Medical Devices
- Industrial Automation
- Commercial Electronics
- Automotive
- Defense/Aerospace