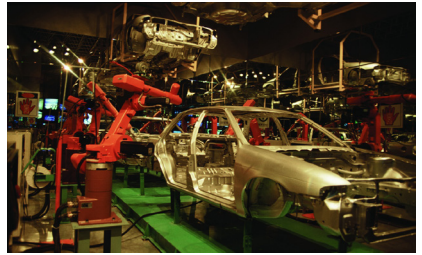




Alpha's Solution

Pro-met 480 is the high flex drag chain oil resistant multi-conductor cable with TPE insulation, high performance PVC inner and outer jacket. This series is designed for use in robotics, machine tools and industrial automation where cables service for dynamic drag chain applications.



Key Features

- Size 0.25 mm² - 25 mm²
- 2 to 42 conductors - Stranded Bare Copper (IEC 60228 Class 6)
- TPE Insulation
- PVC inner and outer jacket
- Color: Grey (RAL 7001)
- Unshielded & shielded
- 10M flex life cycles @ +15-60°C, Min bending radius 9.5 x OD, travel distance < 10m
- Larger Size and more conductors
Customize available

Applications

- Robotic arms
- Machine tools
- Industrial Automation

Pro-Met® 480



Technical Specification

Conductor Material:

Stranded bare copper (DIN VDE 0295 Class 6)

Insulation Material:

TPE (Thermoplastic Elastomer)

Insulation Color:

Black insulation with continuous white number, one yellow/green grounding wire ($\geq 3C$)

Jacket Material:

PVC (Polyvinyl Chloride)

Jacket Color:

Grey (RAL 7001)

Flame Retardancy:

IEC 60332-1, FT-1, VW-1

Voltage Rating : 600Vrms

Oil Resistant: Yes

Temperature Range:

5°C ~ +80°C (Dynamic movement)

-20°C ~ +80°C (Fixed installation)

Bending Radius:

Fixed installation:

Unshielded 5 x OD; Shielded 7.5 x OD

Dynamic movement travel distance < 10m

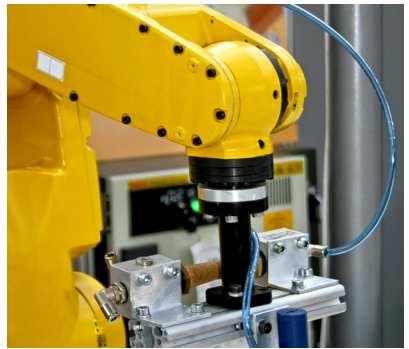
Unshielded & Shielded 7.5 x OD

Dynamic movement travel distance $\geq 10m$

Unshielded 10 x OD; Shielded 15 x OD

Put-Ups:

100m & 300m



RoHS
Compliant

Standards:

- DIN VDE 0295 class 6 & IEC 60228 class 6
- IEC 60332-1, FT-1, VW-1
- DIN VDE 0293-1
- UL AWM 2570
- RoHS & REACH & CE Directives

Further Assistance:

Please contact your Alpha Wire representative or browse our website

WWW.ALPHAWIRE.COM