

HARNESSED CABLES

Special cable

with male connector and socket plug assembly



PRODUCT SOLUTIONS FOR ROBOT APPLICATIONS

Another industrial sector in which SAB cable harnessing products are used is the robot industry. We offer a variety of product solutions which are adapted to the individual application conditions, for example a cable harness product for the control of the robot welding tongs. For this cable harness a divided, abrasion resistant servo cable is used that is connected to heavy industrial connectors with a double cable outlet.

CABLE CONSTRUCTION

conductor: bare copper strands
core insulation: TPK
screen: tinned copper braiding
outer sheath: PUR
sheath colour: black (RAL 9005)

TECHNICAL DATA

temperature range
flexible application: -40°C/+80°C
fixed laying: -50°C/+80°C
special feature: abrasion resistant

Among others the following cable types belong to our delivery program:

- ✓ Besilen® flexible with cold temperatures to -40°C / Besilen® heat resistant up to +220°C
- ✓ sheath material up to 150°C, silicone-free
- ✓ different cable lengths
- ✓ various sheath colours and marking
- ✓ different dimensions, sections and number of cores (dependant on plug)

You can choose from the following plug connectors:

- ☐ Harting plug connector
- ☐ Weidmüller plug connector
- ☐ Wieland plug connector

Cable variations for example:

- ☐ (4 x 2 x 0,25 mm²)D + 2 x (2 x 0,50 mm²)D + (5 x 0,50 mm²)D + (5 x 1,5 mm²)D
- ☐ (4 x 2 x 0,25 mm²)D + 2 x (2 x 0,50 mm²)D + (5 x 0,50 mm²)D + (4 x 0,75 mm²)D