

# HARNESSED CABLES

## Cable harness for robots

with 37-pin angle plug, AMP/Molex connector assembly



The shown product is equally used for the robot industry, particularly for paint robots. This type has got a 37-pole angle plug on the one side and an AMP Molex connector on the other side. According to the customer's requirements the cable harness can be adapted individually.

### CABLE CONSTRUCTION

**conductor:** bare copper strands  
**core insulation:** TPK  
**screen:** tinned copper braiding  
**outer sheath:** PUR  
**sheath colour:** black

### TECHNICAL DATA

**temperature range**  
**flexible application:** -40°C/+80°C  
**fixed laying:** -50°C/+80°C  
**special feature:** UL recognized

#### Further cable types are possible on request for example:

- ✓ 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)

#### Cable variations for example:

- (8 x 0,50 mm<sup>2</sup>)C + (4 x 0,50 mm<sup>2</sup>)C + 4 x 2 x 0,25 mm<sup>2</sup> + 4 x 0,50 mm<sup>2</sup> + 6 x 1 x 0,50 mm<sup>2</sup>D

#### You can choose from the following plug connectors:

- Molex plug connector
- Weidmüller plug connector
- Wieland plug connector
- ITT plug connector