

# HARNESSED CABLES

## Multi bus cable

with 17-pole socket and plug connector



HIGH FLEXIBILITY WITH FULL PROTECTION  
AGAINST ELECTRO MAGNETIC INTERFERENCE

This cable harnessing product is used in the robot industry as highly flexible type for the robot cable-hose assembly or as standard flexible type connected to the robot base. Both types guarantee full protection against electro magnetic interference. M23 round plug connectors in straight and angle version are used. Metal or plastic types are available.

### CABLE CONSTRUCTION

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

### TECHNICAL DATA

**temperature range**  
**flexible application:** -20°C/+70°C  
**fixed laying:** -30°C/+70°C  
**special feature:** EMC protected

#### 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:

- 2 x (2 x 0,25 mm<sup>2</sup>)D + 2 x (2 x 0,34 mm<sup>2</sup>)D + 1,0 mm<sup>2</sup> + (2 x 0,29 mm<sup>2</sup>)D + 2 x (2 x 1,0 mm<sup>2</sup>)D

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

- Binder plug connector
- Hummel plug connector
- Weidmüller plug connector
- Intercontec plug connector
- Phoenix plug connector