

# HARNESSED CABLES

## Connection cable

for measuring module and data logger



Also harnessed connection cables for measuring modules and data logger (CAN cable) belong to the SAB product range. These harnessed cables have been mainly developed for the application in test vehicles and test benches, nevertheless they can also be used in other fields. The customer can choose between different cable and plug combinations. The plugs can be adapted with regard to size, construction form, number of poles and pin assignment to the module respectively logger. Furthermore, different cable types can be chosen which are suitable for different application fields.

### CABLE CONSTRUCTION

|                         |                        |
|-------------------------|------------------------|
| <b>conductor:</b>       | tinned copper strands  |
| <b>core insulation:</b> | polymer                |
| <b>screen:</b>          | tinned copper braiding |
| <b>outer sheath:</b>    | special material       |
| <b>sheath colour:</b>   | black (RAL 9005)       |

### TECHNICAL DATA

|                              |               |
|------------------------------|---------------|
| <b>temperature range</b>     |               |
| <b>flexible application:</b> | -40°C/+90°C   |
| <b>fixed laying:</b>         | -50°C/+90°C   |
| <b>short-time use:</b>       | +125°C        |
| <b>special feature:</b>      | silicone free |

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

- ✓ sheath material up to +150°C, silicone free
- ✓ different cable lengths
- ✓ various sheath colours and marking
- ✓ different dimensions, sections and numbers of cores (dependant on plug)

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

- Lemo connector
- ODU connector
- Fischer connector
- Yamaichi connector

#### Connection ends for example:

- ✓ round plug connector 5-pole at both sides
- ✓ round plug connector 9-pole at both sides

#### Cable variations for example:

- 2 x AWG 28 + 1 x AWG 28 + 2 x 0,50 mm<sup>2</sup>
- 2 x AWG 28 + 8 x AWG 28