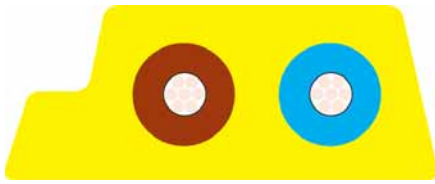


# BUS Cables

A-BUS TPE

**HELUKABEL®**

TPE



## Type Cable structure

Inner conductor:  
Core insulation:  
Core colours:  
Separator:  
Shielding 1:  
Total shielding:  
Outer sheath material:  
Outer sheath colour:

## Actuator Sensor Interface 2x1.5 mm<sup>2</sup>

Copper, tinned  
TPE  
bu, bn  
-  
-  
TPE  
Yellow

## Actuator Sensor Interface 2x1.5 mm<sup>2</sup>

Copper, tinned  
TPE  
bu, bn  
-  
-  
TPE  
Black

## Electrical data

Conductor resistance, max.:  
Insulation resistance, min.:  
Loop resistance:  
Nominal voltage:  
Test voltage:

13,7 Ohm/km  
1 GOhm x km  
27,4 Ohm/km max.  
32 V  
1,5 kV at 15 min.

13,7 Ohm/km  
1 GOhm x km  
27,4 Ohm/km max.  
48 V  
1,5 kV at 15 min.

## Technical data

Weight:  
bending radius, repeated:  
Operating temperature range min.:  
Operating temperature range max.:  
Caloric load, approx. value:  
Copper weight:

app. 70 kg/km  
24 mm  
-40°C  
+105°C  
1,10 MJ/m  
31,00 kg/km

app. 70 kg/km  
24 mm  
-40°C  
+105°C  
1,10 MJ/m  
31,00 kg/km

## Norms

Applicable standards:

ASI standard  
Flame-retardant acc. to IEC 60332-1-2

ASI standard  
Flame-retardant acc. to IEC 60332-1-2

## Application

HELUKABEL® A-Bus TPE for demanding temperature requirements up to 105 °C and flame retardance. The special outer sheath makes the cable resistant to many oils, greases and cooling lubricants and thus suitable for applications in wet surroundings, in machinery and plant construction as well as in the machine tool and automotive industries.

## Part no.

**801846**, A-BUS TPE

**801847**, A-BUS TPE

Dimensions and specifications may be changed without prior notice.

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