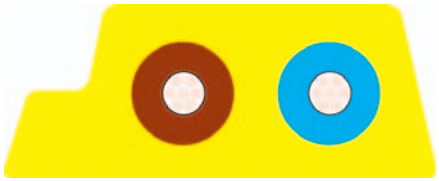
BUS Cables

A-BUS

HELUKABEL

EPDM



Type	Actuator Sensor Interface 2x1.5 mm²	Actuator Sensor Interface 2x1.5 mm²
Cable structure		
Inner conductor:	Copper, tinned	Copper, tinned
Core insulation:	Rubber compound	Rubber compound
Core colours:	bu, bn	bu, bn
Shielding 1:	-	-
Shielding 2:	-	-
Total shielding:	-	-
Outer sheath material:	EPDM	EPDM
Outer sheath colour:	Yellow similar to RAL 1023	Black similar to RAL 9005
Electrical data		
Conductor resistance, max.:	13,7 Ohm/km	13,7 Ohm/km
Insulation resistance, min.:	1 GOhm x km	1 GOhm x km
Loop resistance:	27 Ohm/km max.	27 Ohm/km max.
Nominal voltage:	32 V	48 V
Test voltage:	1 kV at 15 min.	1 kV at 15 min.
Technical data		
Weight:	approx. 70 kg/km	approx. 70 kg/km
bending radius, repeated:	30 mm	30 mm
Operating temperature range min.:	-40°C	-40°C
Operating temperature range max.:	+85°C	+85°C
Caloric load, approx. value:	0,975 MJ/m	0,975 MJ/m
Copper weight:	31,00 kg/km	31,00 kg/km
Norms		
Applicable standards:	ASI standard	ASI standard

Application

AS components are interconnected with this special system cable. With the AS interface, the cable assembly from the control system to the sensor/actuator is not needed. The AS interface is the field bus system that transmitts both data and power in one single cable. With fast contacting in penetration technique, the possibility of errors in cabling is largely reduced. The special outer jacket provides protection against bio-oil, grease, and refrigerant lubricants, and the cable is therefore even suitable for applications in wet surroundings, in machinery and plant construction, as well as in the machine tool and automotive industry.

Part no.		
	80824, A-BUS EPDM	**80825,** A-BUS EPDM

Dimensions and specifications may be changed without prior notice.