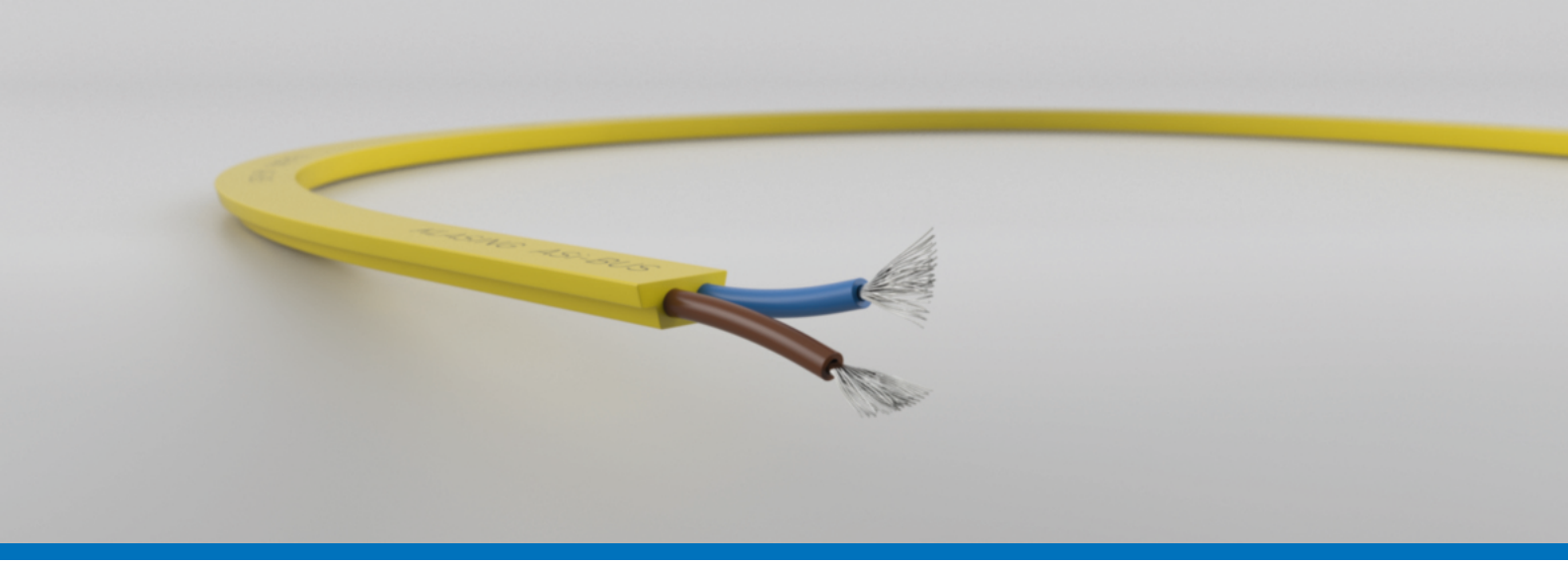


AS-i BUS Cable

Fieldbus for AS interface

APPLICATION

Data and power transmission for Actuator Sensor Interface

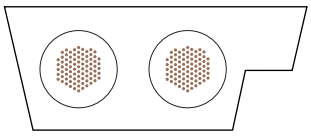
CONSTRUCTION

Conductor	Stranded copper, tin-plated
Stranding	class 6 (VDE 0295 / IEC 60228)
Insulation	TPE-O
Colours	bl, bn
Marking	leading edge on brown core
Jacket	TPE-O
Jacket colour	yellow (RAL 1023) or black (RAL 9005)
Surface marking	AS-i BUS

TECHNICAL DATA

Test voltage	2000 V
Insulation resistance	min 20 MOhm*km
Conductor resistance	1,5 mm^2: max 13,7 Ohm/km
	2,5 mm^2: max 8,21 Ohm/km
Operating voltage	max 300 V
Temperature range static	-40°C to +105°C
Temperature range operating	-30°C to +105°C
Flame retardant	acc to VDE 0482-332-1-2
	IEC 60332-1-2
Capacitance C/C	appr. 80 pF/m

REMARKS

indoor using for fixed and flexible application
silcon- and halogenfree

No of Cores + Cross Section mm^2	**Copper Index** (kg/km)	**Weight** (appr. kg/km)	**Outer Ø** ca. mm	**P/N**
2 x 1,5	30	59,1		05009283
2 x 2,5	50			050xxxxx