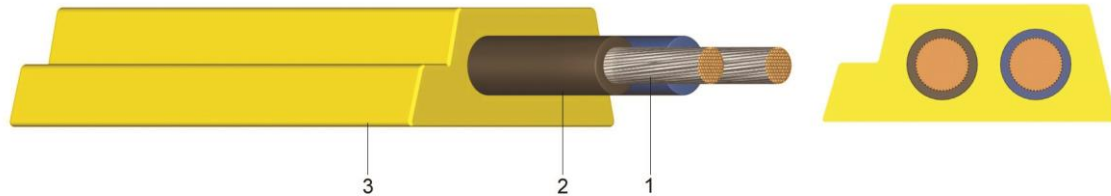


ASI-BUS

Field-Bus ASI

Application:

This fieldbus allows simultaneous transmission of both data and energy. Used for signal circuit within production machinery and machine tools



Construction:

- 1 fine-stranded tinned copper (Cl.6)
- 2 core insulation of TPE (blue and brown)
- 3 outer sheath of TPE, rubber or PUR, yellow or black

Information:

More types and constructions on enquiry.

Standards:

DIN EN 60228 Class 6 (core construction)
Flammability : EN 60332-1

Technical data:

Temperature range	in motion		-30°C bis +105°C
	fixed		-40°C bis +105°C
Conductor resistance	Max.	[Ohm/km]	3,7
Insulation resistance	Min.	[MOhm/km]	20
capacity	app.	[pF/m] at 1 kHz	80
operating voltage	Max.	V	300

Number of cores and nominal cross section mm ²	from stock	Copper figure kg/km	Overall diameter appr.mm	Weight appr. kg / km
2 x 1,5 TPE bl	○	30,0	4,0 x 10,0	60
2 x 1,5 TPE ye	○	30,0	4,0 x 10,0	60
2 x 1,5 Rubber bl	○	30,0	4,0 x 10,0	60
2 x 1,5 PUR ye chain cable	○	30,0	4,0 x 10,0	60