

UNITRONIC® BUS AS-INTERFACE

*Industrial communication
on the actuator / sensor level*

LAPP KABEL STUTTGART UNITRONIC® BUS AS INTERFACE

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Anwendung

AS-I = Actuator Sensor Interface.

Net system for the lowest field level (binary sensors and actuators). Data and energy are transmitted between control unit and peripherals via an unscreened, geometrically coded two-core flat cable (pole-proof). The conductor is contacted by piercing technology of the AS-I-modules.

Note:

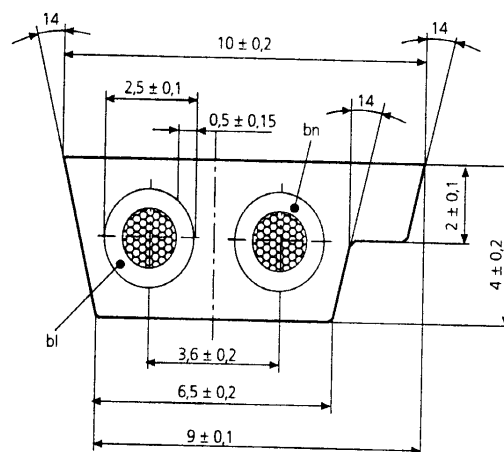
Special sealing inlet for AS-INTERFACE bus cable: please see SKINTOP® DIX AS-I PG 11 on page 406.

Mounting sockets AS-I
please see page 586.

Cable Make-Up

Fine-wired strand 1.5 mm², core insulation (blue and brown) and profiled outer sheath of thermoplastic elastomer (TPE), resp. rubber (G), colour yellow (RAL 1023) and black (RAL 9005).

Due to its oil-resistant outer sheath the TPE version can be used in typically industrial environments, e.g. on wet premises of automobile industry, processing centres, especially in connection with cooling lubricants which are mixed with water.



Part Number	Type	sheath material	sheath colour	Application	No. of cores and mm ² per conductor	Copper-weight kg/km approx.	Weight kg/km
2170 228 R	UNITRONIC® BUS AS-I (G)	EPDM (rubber)	yellow	Transmission data and energy	2 x 1,5	28.8	57
2170 229 R	UNITRONIC® BUS AS-I (G)	EPDM (rubber)	black	Transmission auxiliary energy 24 V DC	2 x 1,5	28.8	57
2170 230 R	UNITRONIC® BUS AS-I (TPE)	TPE	yellow	Transmission data and energy	2 x 1,5	28.8	57
2170 231 R	UNITRONIC® BUS AS-I (TPE)	TPE	black	Transmission auxiliary energy 24 V DC	2 x 1,5	28.8	57

Connection of sensors to the AS-I-module (coupling module) is done by means of round cable (connection cable). Please make your request to us with detailed specifications.