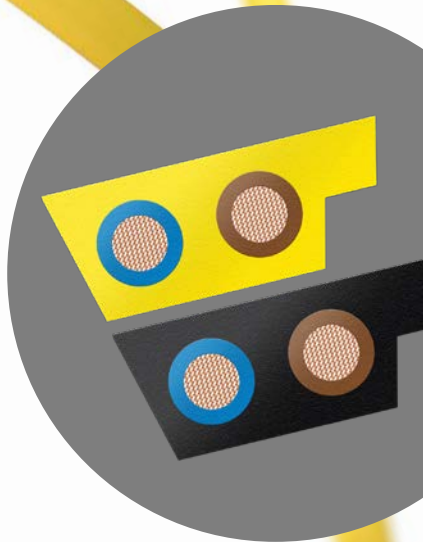


BizLink

FieldLink[®]
AS-Interface cables

Factory Automation



+ FieldLink® ADVANTAGES

- Flexibility
- Economy
- Simplicity
- Reduction of installation errors
- High distribution
- Best networking opportunities

*From now on >>
every BizLink AS-Interface
cable is suitable for the
new ASi-5 standard*

ASi-5

*for the communication
of the future*

+ FieldLink® CHARACTERISTICS



Flame retardant



Oil resistant



Highly flexible

For the digital communication, BizLink offers AS-Interface cables which guarantee easy, fast and efficient installation in automation systems.

The new ASi-5 performance

- 96 connected devices
- 1.2 ms cycle time
- 16 bit process data
- 96x16 safe inputs / outputs
- Increased diagnostics
- Integrated IO-Lin



ASi-5 cables are available in the following versions

- 2 x 1,5 mm²
- 2 x 2,5 mm²
- Available in different jacket material
e.g. FRNC, EPDM, TPU, TPE, PVC

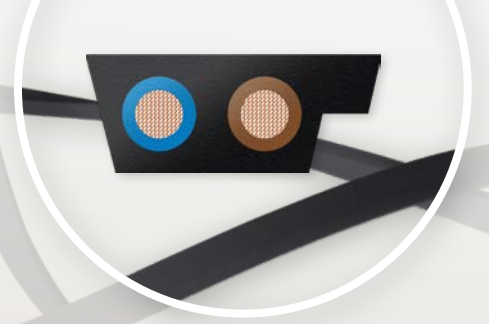
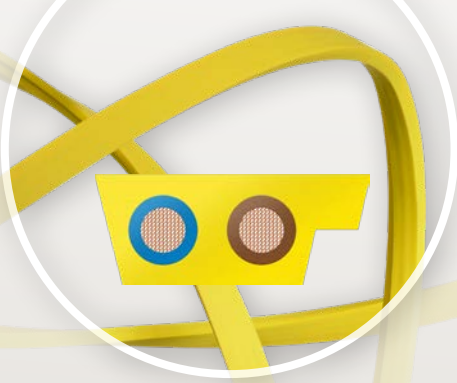
In the factory automation the AS-Interface system is used in various sectors and is developed as an alternative to conventional parallel wiring of the sensors and actuators.

The yellow profile cable is the AS-Interface trademark. Due to its profiled design it is resistant to polarity reversal and can be connected to the slave interfaces at any place easily and safely. The AS-Interface cable is an unshielded flat cable with 2-cores. It transfers data and power for actuators and sensors. For particular applications additional black cables are used.

AS-Interface types

yellow transfer of data and auxiliary energy

black supply with auxiliary energy DC 24 V



New ASI rubber cable

the economy version for AS-Interface applications

Fire resistant ASI cable

according to the BauPVO EU 305/2011

The ASI rubber cable has a fully EPDM rubber design to offer the benefits of AS-Interface in combination with a cost efficient design. The functionality includes simple installation and compatibility to ASI special piercing technics just like our conventional ASI products.

ASI cables for permanent installation in building structures must be manufactured and evaluated in accordance with the harmonised European standard EN 50575 and labelled with a CE marking pursuant to the EU Construction Products Regulation 305/2011.

Characteristics

- Fully EPDM rubber design
- Halogen free
- Cold bending resistant
- Sunlight resistant
- Available as 1,5 mm² and 2,5 mm² version

Characteristics

- Fire class E_{ca}
- ID code of the declaration of performance (DoP) CDEFR0000025
- Flame propagation and heat generation, with simultaneous low release of corrosive gases and smoke reduction
- With TPE outer jacket
- UL Style 2103
- CSA File LL55255-42
- UV-resistant

Oder no.



yellow sheath	black sheath
L45587-M21-Y1 (1.5 mm ²)	L45587-M21-Y11 (1.5 mm ²)
L45587-M21-Y101 (2.5 mm ²)	L45587-M21-Y111 (2.5 mm ²)

Oder no.



yellow sheath	black sheath
L45587-M21-Y139 (1.5 mm ²)	L45587-M21-Y149 (1.5 mm ²)



*BizLink Special Cables Germany with its
Factory Automation market is a member
of the AS-International Association e.V.*

Factory Automation

BizLink Special Cables Germany GmbH

Eschstrasse 1, 26169 Friesoythe, Germany
T +49 4491 291-5060



factory-automation.bizlinktech.com

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