

<b>DATA SHEET</b>	0034190
<b>UNITRONIC® JE-Y(ST)Y...BD</b>	valid from: 05.08.2009

## APPLICATION

UNITRONIC® JE-Y(ST)Y...BD is a connecting cable for industrial electronics. It can be used in measurement and control engineering and also as pulse and data transmission cable.

With the blue outer sheath the cable is designed for the installation of intrinsically safe circuits in hazardous (explosive) areas.

The cable meets the requirements of VDE 0165 part 1 where a special marking for cables of hazard type "I" (intrinsically safe) is specified.

The cable is manufactured according to DIN VDE 0815. The requests for make-up and electrical quality of this norm are fulfilled.

The cable is suited for limited flexing use and fixed installation in dry and wet rooms on and under plaster.

## DESIGN

Design: nach DIN VDE 0815, table 4, Bauart JE-Y(ST)Y...BD

## TECHNICAL DATA

Electrical properties	nach DIN VDE 0815, Tabelle 10, Bauart JE-Y(ST)Y...BD
Operating peak voltage (not for power use)	225 V
Test voltage C/C	500 V
Test voltage C/C	2000 V
Loop resistance	73,2 Ohm/km
Specific insulation resistance	> 100 MOhm x km
Mutual capacitance	100 nF/km
Coupling	200 pF/100m
Inductance	0,65 mH/km
Minimum bending radius fixed installation	6 x cable diameter
Temperature range fixed installation	-30 C to +70 C
Flammability	flame retardant acc. to IEC 60332-1-2
Tests at the cable	acc. to DIN VDE 0815, Tabelle 21

Erstellt: TE-K, Petra Samek	Dokument: DB0034190EN03	Seite 1/1
-----------------------------	-------------------------	-----------