

## SPECIALFLEX MEASURING SYSTEM PUR

### Interconnecting cables for Heidenhain® measuring systems for dynamic laying

#### TECHNICAL DATA

**Minimum Bending Radius**  
90 mm

**Maximum Speed**  
240 m/min

**Maximum Acceleration**  
20 m/s<sup>2</sup>

**Conductor**  
Flexible tinned copper

**Insulation**  
TPE - E

**Colour Code**  
Sec. = 0.14mm<sup>2</sup>:  
(BL/BLK-YE/BLK-RD/BLK-GN/BK)  
BL-BLK-GRY-PK-YE-VI-GN-BR  
Sec. = 0.50mm<sup>2</sup>:  
WHT-BL-WHY/GN-BR/GN

**Taping**  
Soft Tape

**Shield**  
Tinned copper spiral single on the  
4x0.14 mm<sup>2</sup>  
Overall: tinned copper braid cov. ≥  
85%

**Jacket**  
Polyurethane  
Colour: black

**Service Temperature**  
Rating: -30 +80°C  
Storage: -40 +80°C

**Voltage**  
250 V

**Dielectric Strength**  
1500 V

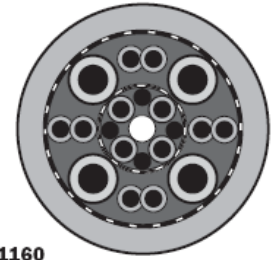
**Insulation Resistance**  
>100 MOhm. Km

**Capacitance**  
Pairs sec. 0.14 mm<sup>2</sup>  
Cond./Cond. = 140 pF/m  
Cond./Shield = 235 pF/m

#### NORMATIVE REFERENCE

**Oil Resistance**  
VDE 0472 part 803 A/B (04/1986)  
UL 1581 – VDE 0282 Teil 10  
HD 22.10.S1

**Max Pulling Strength**  
20 N/mm<sup>2</sup>



S.T. 1160

#### Specification Information

Formation	Code	Diam. mm	CU kg/km
(4x2x0.14+4x0.50 + (4x0.14 SK)) SK	13-MY21Z16P-N1	8.10	58



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#### Note

All cables shown on this page can be produced "halogen free"