

Application

Flexible cable for control and data transmission of analogue or digital signals in industrial plants, measurement instruments, electronic devices, etc.

Construction

- 1. Conductor** Flexible tinned electrolytic copper
Size 0,22 mm² - 7 / 0,20 mm
Size 0,50 mm² - 16 / 0,20 mm
- 2. Insulation** PVC
Size 0,22 mm² - Nominal diameter: 1,20 mm
Size 0,50 mm² - Nominal diameter: 1,80 mm
- 3. Lay-up** Conductors laid-up in concentric layers
Wrapping polyester tape
Colour code according to DEF STAN 61-12 Part 4, table F
- 4. Outer sheath** PVC
Colour: GREY RAL 7035
Printing: PFK (NxS) mm² DRAKA DCI – (year)
N: Number of conductors
S: Cross section

Electrical Characteristics

- Nominal voltage** 440 V
- Test voltage** 1500 V
- Conductor resistance (at 20°C)** Size 0,22 mm²; < 89,86 Ω/Km
Size 0,50 mm²; < 40,10 Ω/Km
- Nominal capacitance** Between conductors: Size 0,22 mm² - 126 pF/m
Size 0,50 mm² - 140 pF/m

Cable properties

- Operating temperature** -5°C to +80°C
- Bending radius** 6 x D
- Flame retardant according to** UNE EN 50265-2.1 (former IEC-332-1)



Commercial Information

DATAX PFK CABLES				
Draka code	Size	Outer D (mm)	Weight (kg/km)	Packing
02868.0270	4x0,22	3,90	20,07	S-100 / T-500
06038.0270	6x0,22	4,60	29,04	S-100 / T-500
01679.0270	8x0,22	5,10	36,76	S-100 / T-500
05220.0270	12x0,22	6,20	53,05	S-100 / T-500
02869.0270	18x0,22	7,40	79,65	B-100
05778.0270	2x0,50	5,50	32,63	S-100 / T-500
05335.0270	4x0,50	6,30	50,61	S-100 / T-500
05336.0270	6x0,50	7,30	70,16	B-100 / T-500
16511.0271	8x0,50	7,80	86,3	B-100 / T-500
06037.0270	12x0,50	9,40	122,17	B-100

S-100: 100 m Plastic bobbin

B-100: 100 m coil

T-500: 500 m drum

