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CKS SAPFLEX PS702 ST

Static screened data transmission cable similar to UL AWM 2092



CKS Sapflex PS702 ST - Low-frequency, Low-capacitance, grey, EMC optimized PVC data cable, Static aluminum foil screen against high frequencies and for smallest signals

ADVANTAGES

Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic fields

APPLICATION RANGE

Especially designed for the transmission of the smallest measurement and control signals at minimal space requirements
Internal wiring of electronic equipment

For fixed and limited flexible installation
For use in dry, damp and wet rooms

PRODUCT FEATURES

Protection against interferences at medium and high frequencies by aluminium-laminated plastic foil, combination of flexibility and good screening (normal requirements)
Flame-retardant according IEC 60332-1-2

PRODUCT MAKE-UP

7-wire tinned stranded copper conductor
Core insulation made of polyethylene (PE)
Plastic-laminated aluminium foil with tinned copper drain wire
Outer sheath made of PVC
Colour of the outer sheath: Similar to Silver-grey/ RAL 7001

TECHNICAL DATA

Classification ETIM 5	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable
Mutual capacitance	C/C approx. 90 nF/km C/S approx. 160 nF/km
Inductivity	approx. 0.65 mH/km
Minimum bending radius	Occasional flexing: 10 x outer diameter Fixed installation: 6 x outer diameter
Characteristic impedance	Approx. 95 Ohm
Temperature range	Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C

ELECTRICAL INFORMATION

Article number	Number of conductors and AWG size	Conductor cross-section	Core insulation material	Outer sheath material	Outer diameter [mm]	Copper index (kg/km)
CKS SAPFLEX PS702 TP						
CKS PS702 7202	2 x AWG 20/7	0.52	PE	PVC	5.2	17.2
CKS PS702 7203	3 x AWG 20/7	0.52	PE	PVC	5.3	23