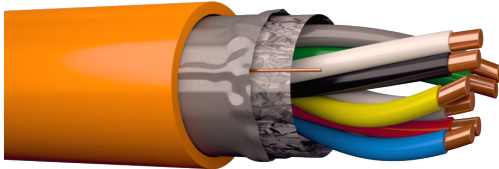


Fire resistant cables

Sienopyr Plus E30 FE180 JE-H(ST)H 225 V



Application

Signal cable with circuit integrity for indoor installations, in tubes and channels. Not for outdoor use. The cable can be used where there is a demand for function during and after a fire.

Standard

DIN VDE 0815
DIN 4102-2
EN 60228
DIN EN 50266-1 & -2-4
IEC 60331
DIN 4102-12
IEC 61034-1-2
IEC 60754-1-2

Conductor standard
Test for vertical flame spread of vertically-mounted bunched wires or cables
Functional integrity and fire resistance of electric cables
Fire behavior
Material Standard for smoke
Acidity in flue gases from cables

Construction

Cable Shape	Round
Conductors	Solid copper Cl. 1
Conductor Insulation	Halogen free compound
Marking of cores	Pair 1: Blue,red Pair 2: Grey,yellow Pair 3: Green,brown Pair 4: White,black
Shield / Screen Material	PE/AL foil
Outer Sheath	Halogen free compound

Temperature

Maximum operating Temperature	max. 70°C
Minimum operating Temperature for cable type [°C]	min. - 25°C
Temperatures at installation [°C]	min. -5°C to 50°C

Features

Bending radius	7,5 x D
REACH/SVHC declaration	Meet the demand for REACH
RoHS declaration	Meet the demand for RoHS

Conductor and screen dimension [mm]	Number of Pairs	Diameter over sheath [mm]	Cable weight [kg/km]	DC Resistance at +20°C [Ω /km]	Standard delivery length [m]	EAN/GTIN number
0,8	1	7,2	50	36,6	500	5701498017543
1	1	7,6	60	21,5	500	5701498017550
0,8	2	7,5	68	36,6	500	5701498017123
1	2	8,3	81	21,8	500	5701498017567
0,8	8	11,4	174	36,6	500	5701498017147
0,8	4	9,3	107	36,6	500	5701498017130