



## Datasheet

ENGLISH

Stock No: 827- 4237

# RS Pro SY Control Cable, 18 Core, Screened Polyvinyl Chloride PVC Sheath , 0.75 mm<sup>2</sup> CSA



### SY Control Cables

SY cables are number coded control and connecting cables for flexible use and fixed installation for medium mechanical use. They are for use in dry, damp and wet rooms. They may only be installed outdoors with UV-protection and in observation of the temperature range. At room temperature it is generally resistant against acids, caustics solutions and certain oils. SY cables are used as supply and interconnecting cable for controlling machine tools, production lines, control equipment on conveyors, also for use in measuring regulating and computer units. Suitable for free movement without forced guidance and tensile stress. The braiding of galvanized steel wires are an additional mechanical protection.

**Technical data**

Conductor	bare copper, fine wire strand in accordance to IEC 60 228 that is VDE 0295, class 5
Core insulation	PVC compound
Identification	in acc. to VDE 0293, black cores with white numbers with or without green/yellow ground conductor
Inner Sheath	PVC compound
Braid	Galvanised steel wire braid
Outer sheath	Transparent PVC compound
Nominal voltage	300/500 V
Test voltage	2000 V AC
Temp. range	for flexible use -5 up to +70°C max. conductor temperature fixed installation -40 up to +80°C max. conductor temperature
Min. bending radius	fixed installation 12.5 x cable diameter
EC directive	This cable confirms to ECD 73/23/EEC (low voltage directive).

**Specifications:**

Part Number	No. Cores x Cross Sectional Area (mm <sup>2</sup> )	Outer Diameter (mm)	Weight Kg/Km
8274202	SY 2x0.75	7.3	74
8274218	SY 7G0.75	9.4	135
8274228	SY 12G0.75	11.9	210
8274237	SY 18G0.75	14.0	295
8274230	SY 25G0.75	16.3	390
8274221	SY 8G1.0	12.5	234
8274224	SY 8G1.5	14.0	301
8274212	SY 7G2.5	12.8	287
8274206	SY 5G4.0	14.1	338
8274215	SY 5G6.0	16.7	530