

# ***SENSITHERM S.r.l.***

**Instrumentation cables  
PVC insulated, overall screened,  
PVC outer sheath**



**Type** **RE-Y(st)Y**  
**PVC/OS/PVC 300/500V**

**Conductor**

Flexible red copper conductor according to IEC60228 cl.5, with a cross section of 1,5sqmm - 28x0,25.

**Insulation**

Polivinilchloride compound thickness 0,6mm - Temperature range -40 + 70°C  
- Temperature laying -5 + 70°C

**Laying up**

Core are twisted to pairs or triad  
Identification cores :  
- Black, White numbered for multipair

**Overall screen**

Over the multipair / triad layer will be shielded with aluminium/mylar tape, with copper drain wire 20 AWG placed between the aluminium/mylar tape and further mylar tape.  
The drain wire is layed up with the other conductors.

**Outer sheath**

Polyvinylchloride extruded compound according to IEC60502 Black colour

**Marking**

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

**Performance**

Flame retardant according to IEC60332.3

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**Technical data & Electrical properties at 20°C**

<b>Description</b>	<b>Unit</b>	<b>Conductor size</b>
		1,5 sqmm
Nominal insulation thickness	mm	0,6
Conductor resistance	ohm/km	13,3
Insulation resistance	Mohm/km	5.000
Test voltage Core to Core	V	2.000
Rated voltage	V	300 /500
Minimum bending radius	mm	12