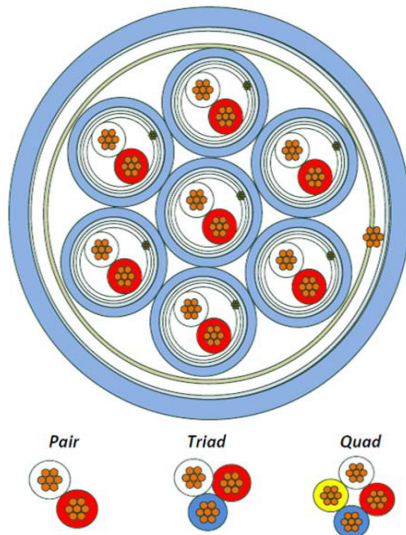


OREISFXPY088



### Construction



<b>Conductor</b>	<b>Copper</b>
<b>Insulation</b>	<b>PVC</b>
<b>Twisted Pairs / Triads / Quads</b> Color Code	White / Red White / Red / Blue White / Red / Blue / Yellow
<b>Pair Shielding</b> AL/PET Tape (AL outside)	> 100%
<b>PET Tape</b>	> 100%
<b>Drain Wire</b> Diameter	<b>Tinned Copper</b> 7 x 0.20 +/- 0.005 mm
<b>AL/PET Tape (AL inside)</b>	> 100%
<b>Outer Sheath</b> Color	<b>PVC</b> Blue RAL5012 Grey RAL7001

**Marking:**

INSTRUMENTATION CABLE OREISFxPy088 ORSEANCABLES Eca REISF01-XX WW/YY xxxxxM

Remark: x-number of pair; y-number of insulation wire; XX-Supplier code; WW-Weak; YY-Year;

REISF01-XX-DoP number

Reference	Dop Number	Conductor section (mm <sup>2</sup> )	Conductor diameter (mm)	Insulation diameter (mm)	Outer sheath thickness (mm)	Outer sheath diameter (mm)
RSY-EISF3P2088	REISF01-XX	0.88	7x0.40 +/- 0.005	2.20 +/- 0.05	1.2	15.40 +/- 10%

# INSTRUMENTATION CABLES

## TECHNICAL DATA SHEET

### Properties

Max. Operating Voltage: 500 V

Testing Voltage Core to Core: 2000 V

Testing Voltage Core to Screen: 1500 V

Min. Insulation Resistance: 500 MΩ.Km

Max. Mutual Capacity: 160 nF/Km

Conductor Resistance: 21.4 Ω/KM

Bending Radius: 7.5 x D mm

Temperature Range: -30°C ~ +70°C

Fire Retardant: According to CPR Eca

Oil Resistant: ICEA S-73-532 Test temperature +70°C, duration 4h

Aliphatic Hydrocarbons Resistant: acc.to NF M 87-202 Annex A

### ROHS GUIDELINE

We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls(PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MS	