

Control and Power Cable -

CPR EU 305/2011

**CU, G16 INSULATION, OVERALL SCREEN PCWB, R16 INNER SHEATH, SWB ARMOUR, R16 OUTER SHEATH.
IEC 60332.1 - IEC 60332.3 – OIL RESISTANT – CPR Cca s3, d1, a3**

Technical Specifications n° 114/23 of 28/02/2023 Rev. 0

Type:	FG16OH2R16AR16 0,6/1Kv FG16OH2R16FR16 0,6/1 KV
Conductor:	Flexible metal conductor according to IEC60228 cl.5
Insulation:	EPR G16 type extruded compound
	Temperature range -30 +90° C Temperature laying 0 +70° C

SIZE	THICKNESS
1,5 mm ²	0,70 ± 0,02 mm
2,5 mm ²	0,70 ± 0,02 mm
4 mm ²	0,70 ± 0,02 mm

Laying up:	Twisted to cores UNEL color (or to be agreed)
Overall screen:	Applied over total assembly will be wrapped with polyester tape and shielded with copper wire braid 60% coverage.
Inner sheath:	R16 PVC extruded compound
Armour:	Galvanized steel round wires plus wrapping polyester tape (SWA) or Galvanized steel wires braid (SWB)
Outer sheath:	R16 PVC extruded compound OIL Resistant Colour: Grey/Black (or to be agreed)
Marking:	On the outer sheath "Sensitherm – FG16OH2R16AR16 0,6/1 KV Siz. IEC 60332.3 WWW/YY (Batch/Num.) Cca s3-d1-a3 0001mt"
Performance:	<ul style="list-style-type: none"> - Test voltage core to core 3,5KV - Flame retardant according to IEC60332-3-24, CEI20-22/3 - Hydrocarbon and UV resistant - Rodent resistant - Fit for direct burial - This cable is suitable to be used in ATEX area following the EN60079-14 prescription (excluding annex E) - EN50575 tested for approval

