

INSTRUMENTATION CABLE**Cu, XLPE insulated, overall Al screen + TCWB, LSZH outer sheath
IEC60754, IEC60332.3-24, IEC61034**

Type **R-Cu/XLPE/OS+TCWB/LSZH 300/500V
RE4OHH2M1 300/500V****Conductor :** Stranded plain copper conductor according to IEC60228 cl.2 size 1,5sqmm (7x0,53)
Diam. 1,55 mm**Insulation :** Cross-linked XLPE extruded compound - Temperature range -20 + 90°C
Thickness : 0,5 mm - Temperature laying -5 + 90°C**Laying up :** Twisted to core, Black numbered (or to be agreed)**Overall screen** Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire and a tinned copper braid D. 0,20mm**Outer sheath :** M1, Low Smoke Zero Halogen emission extruded compound
Color : Grey**Marking :**

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

Performance :

- Conductor resistance 12,1 ohm/Km (+ 5% for multipair)
- Test voltage core to core 2 Kv
- Flame retardant according to IEC60332-3-24, CEI20-22/3
- Low smoke and halogen free as per IEC60754-2, CEI20-37/2
- Low smoke density emission IEC61034-1/2
- Hydrocarbon and UV resistant
- Cable for intrinsically safe application
- Inductance $\leq 0,90\text{mH/Km}$
- Capacitance $\leq 0,075\text{microF/Km}$
- This cable is suitable to be used in ATEX area following the EN60079-14 prescription

