

# THE WORLD OF LAPP

CAMUNA CAVI  
EXTREME SERIES CABLES



**CAMUNA CAVI**

 **LAPP GROUP**

# MUD

NEK TS 606:2016  
Mud resistance



## Cable Features & Applications:

Instrumentation, Control & LV Power cables jacketed with LSZH Compound Type SHF2 IEC 60092-360, it is particularly suggested for applications in harsh environments, where superior performances as for contact with organic fluids are required:

- Resistance to **Oils IRM 902** and **903** for **7 days @ 100°C**
- Resistance to **Calcium Bromide** for **56 days @ 70°C**

### Additional requirement NEK TS 606 2016 version

- Resistance to **Oil EDC 95-11** for **56 days @ 70°C**



# GAS TIGHT

IEC 60079-14 ANNEX E  
Restricted breathing cables



## Cable Features & Applications:

The new **Gas Tight** Instrumentation, Control & LV Power cables designed for and installed in **explosive** atmospheres and **hazardous** locations. **It prevents** gas and vapor migration through the interstices between individual cable cores.

**Camuna Cavi** can provide in-house testing solution and **test report Certificate** of our “gas tight” multi-conductors, multi-pairs and multi-triads cables according to IEC standard Annex E.



## DESERT

ISO 4892-2

Weathering resistance



### Cable Features & Applications:

Instrumentation, Control & LV Power cables are in compliance with the **Weathering test** mentioned in ISO 4892-2 (720 h @ method A) Strong jacket suitable for **installation in desert locations** having good performance of **Tear resistance** as per BS 6469 section 99.1.

Reproduction of the weathering effects (temperature, humidity and/or wetting) that occur when materials are exposed in actual end-use environments to daylight.

**Severe** field test performance simulation with SWA armored cables bended below the typical bending radius carried out in **desert locations**



## POLAR

IEC 60811 - Cold bend, impact and elongation down to  $-60^{\circ}\text{C}$



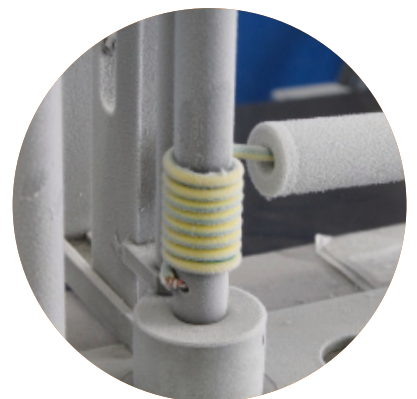
### Cable Features & Applications:

The new **Polar grade** Instrumentation, Control & LV Power cables meet the requirements to operate in **extremely cold climate conditions** like Arctic regions.

**Cold bending test** as per IEC 60811-504@ $-60^{\circ}\text{C}$

**Cold elongation test** as per IEC 60811-505@ $-60^{\circ}\text{C}$

**Cold impact test** as per IEC 60811-506@ $-60^{\circ}\text{C}$





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