JE-H(St)H FE180-E30 Communication Cable

Eland Product Group: **B8F**

**APPLICATION**
For signal transmission within systems for measuring-, control-, data- and regulation technology and for use as an installation cable in fire hazard rooms with a high concentration of people or material assets and for installation of fire survival cable systems according to DIN 4102 part 12. For fixed installation in dry and wet rooms.

**CONSTRUCTION**

**Conductor**
Class 1 Solid Tinned Copper

**Insulation**
Flame Retardant Non-Corrosive compound HI1

**Screen**
Plastic Coated Aluminium Foil

**Sheath**
Flame Retardant Non-Corrosive compound HM2

**CABLE STANDARDS**

VDE 0815, DIN 4102
Flame Retardant: VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
Smoke Density: DIN EN 61034/IEC 61034
Halogen Free: DIN EN 50267/IEC 60754
Fire Resistant: FE 180
Circuit Integrity: E30

The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

**CHARACTERISTICS**

**Operating Voltage**
225V

**Temperature Rating**
Fixed: -5°C to +50°C

**Minimum Bending Radius**
Fixed 7.5 x overall diameter

**Core Identification**
- Pink
- Orange
- Violet
- Pink
- Orange

**Sheath Colour**
- Orange

**DIMENSIONS**

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<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>NOMINAL OUTER DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
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The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.