



## **Technical data sheet of a heating cable: PFP**

Heating cable with integrated bimetallic thermostat for protection of pipes against freezing

### **CONSTRUCTION (PFP-2 – PFP-4) – self-limiting cable ELSR**

**Cable core:** bus wire Cu nickel-plated

**Semi conductive polymer matrix**

**Insulation:** crosslinked polyethylene

**Protection screen:** coaxial screen

**Jacket:** polyolefin TPE-O

### **CONSTRUCTION (PFP-6 – PFP-42) – type ADPSV**

**Cable core:** double cord solid resistance wire

**1.st insulation:** fluoropolymer (FEP) - 0,3 mm thickness

**2.nd insulation:** cross-linked polyethylene (XLPE) - 0,6 mm thickness

**Protection screen:** 7 tinned copper wires Ø 0,3 mm + AlPET foil

**Jacket:** PVC 105°C (UV protected) - 0,8 mm thickness

### **MAX. OPERATING TEMPERATURE:**

70 °C

### **MIN. INSTALLATION TEMPERATURE:**

-20°C

### **OPERATING VOLTAGE:**

230 V, 50 Hz

### **COVERING:**

IP 66

### **RESISTANCE TO SCREEN PENETRATION (accord. IEC 60800 ed.3, part 8.2.5.)**

Yes

### **MECHANICAL CLASSIFICATION (accord. IEC 60800 ed.3, part 4 )**

M1

### **MINIMUM INSIDE BENDING RADIUS:**

Six times the outside diameter of the cable

### **U-V PROTECTION:**

Yes

### **SELF-EXTINGUISHING:**

Yes

### **JACKET COLOUR:**

Black

**Switch-on temperature:** +3°C

**Switch-off temperature:** +10°C

**Cold lead with plug:** 1,5 m

### **TECHNICAL DATA:**

Type	PFP-2	PFP-3	PFP-4	PFP-6	PFP-10	PFP-14	PFP-21	PFP-30	PFP-42
Length (m)	2	3	4	6	10	14	21	30	42
Power (W)	20	30	40	72	136	152	281	337	490