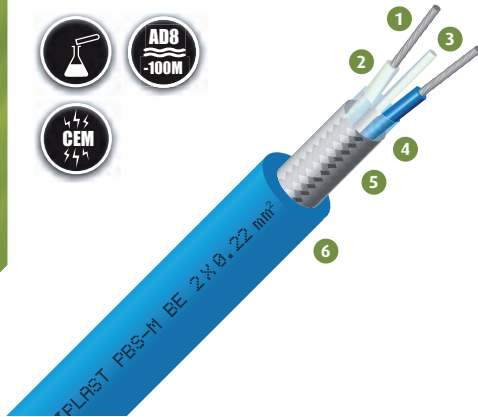


PBS-M BE



- 1 Flexible bare copper core class 5 - IEC 60228
- 2 Insulation: isovinyl
Plain or two-tone colours or numbering
- 3 Capillary tube (c) - optional
- 4 Polyester tape
- 5 Tinned copper braid
- 6 Sheath: PROFIPRENE
Standard colour: blue RAL 5012, black

Characteristics

- Operating temperature:
 - outdoor fixed installation: -40°C to +70°C
 - outdoor flexible installation: -25°C to +70°C
 - underwater fixed installation: +50°C
- Rated voltage: 300/300 V
- Test voltage: 2000 V
- Permanent immersion ADB according to NF C 15-100
- Depth of immersion: 100 m - 10 bars
- Resistance per unit length at 20°C according to IEC 60228

Marking

PROFIPLAST PBS-M BE section mm² -
IMMERSION PERMANENTE NF C 15-100 ADB

Certifications - Standards

- NF C 15-100, IEC 60228, NF C 32-070, IEC 60332-1
- Certification ADB by Bureau Veritas according to NF C 32-102-16 A-B

Packaging

Coils. Reels. Drums.

Options

- Other cross-sections: contact us
- Electrical screen : aluminium foil + tinned copper continuity drain, ref PBS-M BPA: contact us
- Cable without electrical screen, ref PBS-M: contact us
- Alimentary contact ability : contact us

Applications

PROFIPLAST® PBS-M BE is especially designed for the power supply of submerged measuring devices (level sensors, piezometric probes, piezoresistive sensors, flow sensors, water quality analysers, etc.). The braid shielding guarantees a high quality of measurement in environments subject to severe electromagnetic constraints.

Without capillary tube (PBS-M BE)

Nominal cross-section (mm ²)	Nominal composition	Diameter of insulated conductors (mm)	Nominal external diameter (mm)	Approximate linear weight (kg/km)
2 x 0.22	7 x 0.200	1.2	5.4	25
3 x 0.22	7 x 0.200	1.2	6.1	34
2 x 0.25	8 x 0.200	1.2	5.4	30
3 x 0.25	8 x 0.200	1.2	6.4	36
2 x 0.34	7 x 0.245	1.5	5.9	35
4 x 0.34	7 x 0.245	1.5	6.4	48
2 x 0.5	16 x 0.190	1.8	6.1	45
4 x 0.5	16 x 0.190	1.8	6.8	60

With capillary tube (PBS-M BE C)

Nominal cross-section (mm ²)	Nominal composition	Diameter of insulated conductors (mm)	Nominal external diameter (mm)	Approximate linear weight (kg/km)
2 x 0.22 + C	7 x 0.200	1.2	5.9	27
3 x 0.22 + C	7 x 0.200	1.2	6.4	37
2 x 0.25 + C	8 x 0.200	1.2	6.0	32
2 x 0.34 + C	7 x 0.245	1.5	6.2	40
4 x 0.34 + C	7 x 0.245	1.5	6.6	50