

OFFSHORE

BFOU P5/P12

Fire resistant offshore power 0,6/1kV

DESIGN

Conductor

Circular tinned stranded Cu, class 2.

Insulation

Fire resistant Mica tape helically applied over the conductors
Ethylene propylene rubber (EPR).

The standard identification is the following:

- 1 conductorblack
- 2 conductors blue + brown
- 3 conductors brown + black + grey
- 4 conductors brown + black + grey + blue
- 5 or more conductors blue, brown, black, grey, black.

Filling sheath

Flame retardant and halogen free compound

Screen

Armour: Tinned annealed copper wire braid

Outer sheath

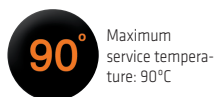
Flame retardant, halogen free and mud resistant thermoset compound acc. to SHF MUD, black.

APPLICATIONS

BFOU P5/P12 is used for permanent installation in the control circuits and lights and emergency lighting and critical offshore units where there are demands for fire safety. For installation in the areas where there is a risk of exposure to the mud, cuttings or cleaning fluids. The cable is fire resistant according to IEC 60331-21 and shielded against electromagnetic interference.



CHARACTERISTICS



Maximum service temperature: 90°C



LSZH



Mechanical stress impact: AG3, High severity



Operation secured acc. to IEC 60331



Oil rigs



On tray



Fire non-propagation



Low smoke emission: Light transmittance > 60%



Water resistance: AD4 splashes



Marine use



Open air



Mud resistance NEK TS 606



Low corrosive gases emission



UV-resistant



Chemical & oil resistance: excellent



Outdoor installation: permanent



Electromagnetically protection

INSTALLATION CONDITIONS