

Based on :

IEC 60092-353 / NEK TS 606

LOW VOLTAGE 0,6/1kV

International norm :

IEC 60754-1/2, IEC 61034-1/2, IEC 60332-3-22 cat. A, IEC 60092-353, NEK 606: 2044, RoHS, CE, Lloyd's Register, DNV, ABS

# OFFSHORE

# RFOU P1/P8

Offshore power 0,6/ 1kV

## DESIGN

Conductor

Class 5 tinned copper, based on IEC 60228.

Insulation

Ethylene propylene rubber (EPR)

The standard identification is the following:

- 1 conductor ..... black
- 2 conductors ..... blue + brown
- 3 conductors ..... brown + black + grey
- 4 conductors ..... brown + black + grey + blue
- 5 or more conductors ..... white numbered

Outer sheath

Mud resistant thermosetting compound, black colour, low smoke and halogen free, type SHF MUD.

## APPLICATIONS

RFOU P1/P8 is used in fixed installations for control, instrumentation and telecommunication in both explosion and safe areas, in emergency and critical systems. The cable is also used for installations in areas exposed to mud and drilling or cleaning fluids.



## CHARACTERISTICS

Maximum service temperature: 90°C	LSZH	Mechanical stress impact: AG3. High severity
Fire non-propagation	Low smoke emission: Light transmittance > 60%	Water resistance: ADA splashes
Mud resistance NEK TS 606	Low corrosive gases emission	UV-resistant
Chemical & oil resistance: excellent	Outdoor installation: permanent	Electromagnetically protection

## INSTALLATION CONDITIONS

Oil rigs	On tray
Marine use	Open air