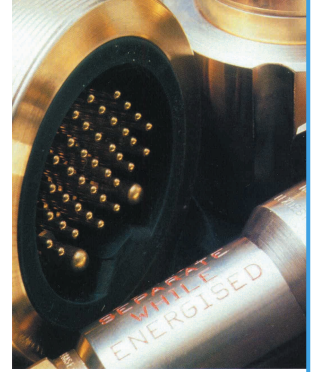




## 8: EExd and EExde Explosion Proof Connectors (Underwater Mateable)



### HXD (Hydrobond EExd / EExde)

#### FEATURES

- Underwater Mateable
- Robust Design
- Neoprene moulded connector insert as standard with other materials available on request (subject to approval)
- Depth rated to 2,440 MSW (subject to cable gland and moulding option)
- Fully open face pressure sealed
- Metal Shell Construction
- Available in 5 shell sizes
- Bulkhead Mount and Panel Mount Designs available as standard
- Panel Mount and Bulkhead mount receptacles come with either solder buckets in the HXD3 or 0.75 metre conductor tails in the HXDe3/4 versions. Longer conductor tails available on request
- Mounting O – Ring face seals
- Pin Densities from 1 to 70 ways
- Voltage ratings up to 3,300 Volts RMS
- Current ratings up to 750 Amps
- Available in Aluminium Silicon Bronze, Brass and 316 Stainless Steel
- Acetal dust caps supplied with all connectors (lanyards available on request)
- Optional EXD Rated protective caps available on request
- Optional Earth Bonding
- Termination options include non armoured cables diameters from 3.5mm to 32.2mm and armoured cables from 8.4mm to 39.9mm using standard CMP glands
- Optional approved Polyurethane overmoulding for full IP68 water submersion

#### BENEFITS

- Make and Break connections topside (zone 1) then deploy subsea (2,440 MSW) with same connector
- Easy to use
- Fast Delivery lead times
- Wide variety of pin configurations allows cost effective system design
- Wide variety of metal options allows for best corrosion resistant design

#### Approvals:

BS 5501: Part 1: 1977 (EN 50 014 amendments A1 to A5)

BS 5501: Part 5: 1977 (EN 50 018 amendments A1 to A3)

CENELEC Certification Code Eexd IIB T6

BS EN 60529: 1992 Ingress Protection

US Coastguard approval

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