

# AVIONIC APPLICATIONS CONNECTOR



## High voltage connector

Designed for avionic, the connector's design prevents voltage creeping on the surface of the insulator.

LEMO's high altitude connector will operate correctly during pressure drop and temperature cycle.

### Benefits

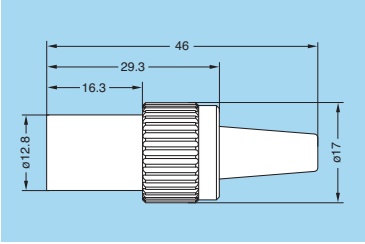
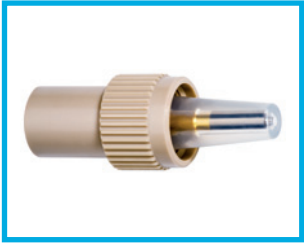
- Small size
- Military applications
- High altitude applications

### Features

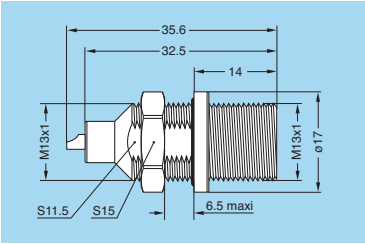
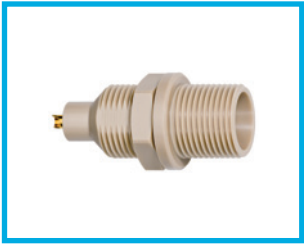
- Single pin
- Outershell in PEEK
- Silicone seal
- Test voltage  
>30 kV @ 70'000ft
- AWG max 14  
(wire diameter max: 1.8mm)



FVP.HY.430.GFLT52      Straight plug, screw coupling



EVP.HY.430.GFA      Fixed socket, with nut



Insert configuration

| Reference | Number of contacts | Contact ø (mm) | Solder bucket ø (mm) | AWG max | Test voltage (kV rms) <sup>1)</sup> |
|-----------|--------------------|----------------|----------------------|---------|-------------------------------------|
| 430       | 1                  | 1.6            | 1.8                  | 14      | 30                                  |

**Note:** <sup>1)</sup> Test voltage according to IEC 60512-2 test 4a.

Recommended cable is BELDEN 8866 (outer cable diameter 5.2mm). Before installing such a connector, the user must make sure that the connector is exempt of impurities; the connector can be cleaned with alcohol or with an ultrasound bath.

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