

Autosport Micro Fuel Immersable

A new evolution of our existing Micro^{LITE} connector, which is able to withstand racing fuel.

The connector is ideally suited to fuel tank applications and has been developed specifically for the demanding motorsport environment. Having upgraded the hermetic version and including an in-line receptacle, all internal fuel tank requirements should be catered for. Deutsch's dedicated Autosport division is available to help with individual requirements.

FEATURES

- Compact design
- Scoop-proof with interface with shell to shell grounding
- Positive locking coupling mechanism
- Environmentally sealed to IP67
- Thermal cycle tested
- Fully intermateable with AS Micro HE and Micro^{LITE}
- Gold plated crimp contacts
- New fuel resistant elastomer insert specifically engineered for racing fuels
- In-line and 2 hole mounting styles

BENEFITS

- Compact Design - minimum space envelope
- Positive lock bayonet contact system - extremely resistant to vibration
- Ideal for internal fuel tank applications
- Uses standard crimp tooling
- Suitable for blind mating
- On Hermetic: Integral cable potting cup
- On Hermetic: Enlarged backshell for easy contact soldering



GENERAL SPECIFICATION

Supplied with crimp contacts and insertion/extraction tool (where applicable)

Materials:

| | |
|-----------------------|--|
| Shell/Coupling ring: | High Strength Aluminium Alloy Black Zinc Finish |
| Contacts: | Copper Alloy Gold Plated |
| Insulators: | Fuel Resistant Thermoplastic |
| Interface/Wire Seals: | Fuel Resistant Elastomer |

Dielectric Withstanding Voltage:

Current leakage less than 2 milliamps at 1500 VAC.

Temperature:

Operating at temperatures from -55°C to +170°C.

Durability:

No electrical or mechanical defects after 500 cycles of engagement or disengagement.

Contact Current Rating (170°C Continuous):

| | |
|--------------|--------------|
| Contact Size | Max. Current |
| #23 | 3 Amps |

Contact Deutsch for more details of specific products to meet your sealed electrical connection requirements.

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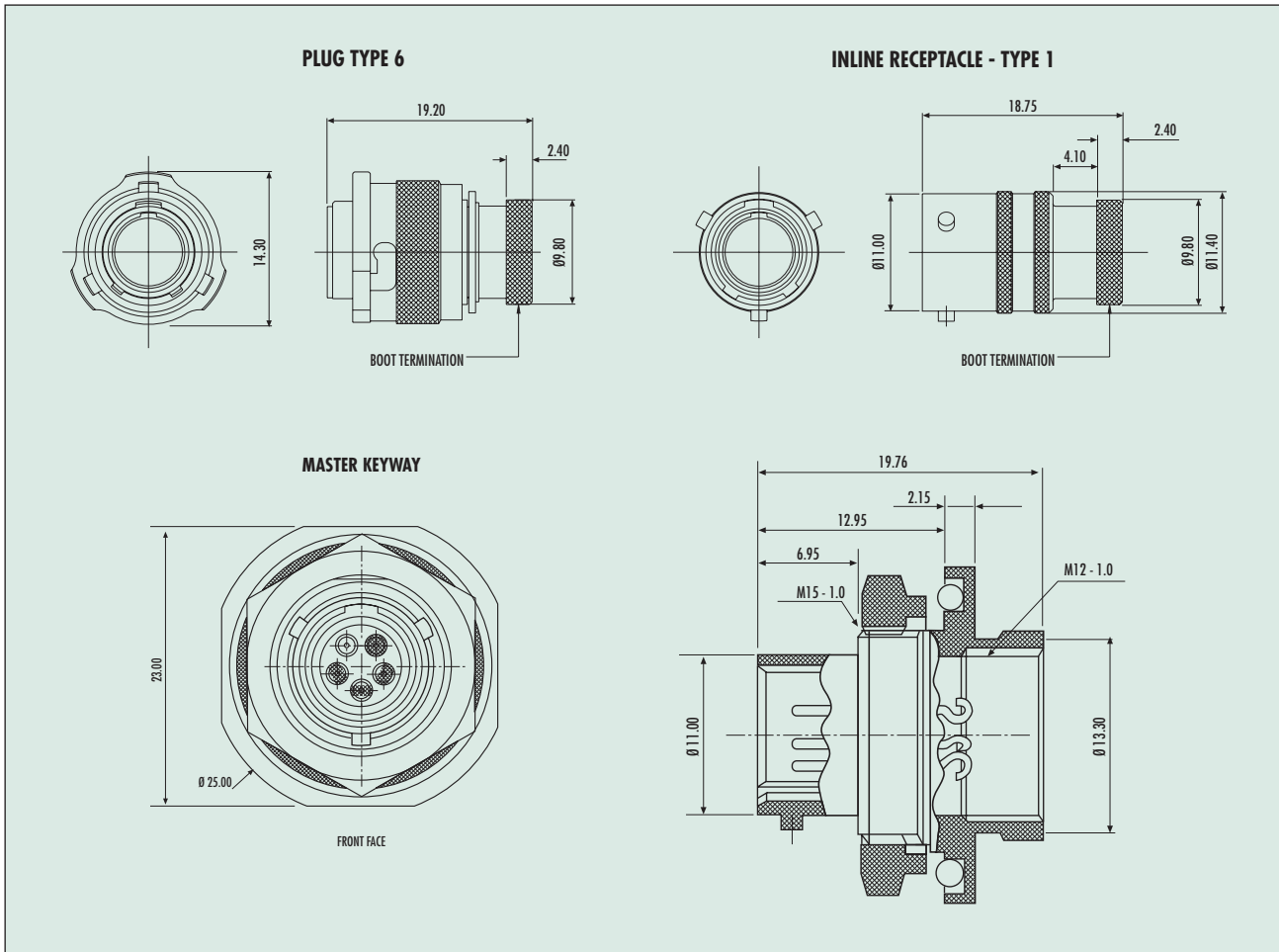
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DEUTSCH
AUTOSPORT LTD

AS MICRO FUEL IMMERSABLE: TECHNICAL INFORMATION



For panel mount cut-out see page 23 of main catalogue

ORDERING INFORMATION

| | | | | | | | | | | | |
|--------------------------|-----|---|----|---|----|---|---|---|----|---|------|
| | ASL | * | 06 | — | 05 | * | * | — | HE | — | 952K |
| Range Ref: | | | | | | | | | | | |
| ASL (or AS for Hermetic) | | | | | | | | | | | |
| Style: | | | | | | | | | | | |
| 1 = Inline Receptacle | | | | | | | | | | | |
| 7H = Hermetic Receptacle | | | | | | | | | | | |
| 6 = Free Plug | | | | | | | | | | | |
| Shell Size: | | | | | | | | | | | |
| Contact Arrangement: | | | | | | | | | | | |
| Insert Type: | | | | | | | | | | | |
| (AS7H pin insert only) | | | | | | | | | | | |
| P = Pin | | | | | | | | | | | |
| S = Socket | | | | | | | | | | | |
| Shell Keyways: | | | | | | | | | | | |
| (AS7H N only) | | | | | | | | | | | |
| N | | | | | | | | | | | |
| A | | | | | | | | | | | |
| B | | | | | | | | | | | |
| Harsh Environment: | | | | | | | | | | | |
| Modification Code: | | | | | | | | | | | |

