

Dear Partner!

Please, allow me to inform you that Technoplast Ltd. started production of electrical connectors designed according to special demands in small and large series.

Connectors are suitable for applications under most varied process conditions in automotive and instrument industry. Their form and size tailored to requirements offer several installing possibilities into hardly accessible places as well. Connectors mounted to **cable-strands** are suitable for collecting and transmitting measured signals or for controlling of complete equipment. In frame of our new service we undertake design of connectors meeting special demands - completed with data collecting on the spot if requested - at marketable prices. Connectors are produced by rapid prototyping technology within extraordinary short time of delivery. Materials and their properties used are similar to ones used for injection moulding.

Our assortment of materials offers a wide range of solutions according to the actual task with following features:

- materials like PP, PPS, PEEK, ABS, PA, POM, PMMA, PS
- rubberlike materials from Shore A 25 to Shore A 95 hardness
- heat resistance even up to 150 oC
- use of materials with high heat stability or flameproof materials
- materials with high electric resistance
- UV-proof materials
- glass-fibre reinforced materials with enlarged strength

Reference:

Audi Hungaria Motor Ltd.

Task prescribed by Audi:

Design of connectors to be used for final inspection of completed engines performed in process conditions by cold and hot testing with following features:

- high strength
- high precision
- shape and size according to application
- perfectly fixed even at the moment of coupling
- no disconnection effected by vibration (vibration must not brake signal transmission)
- easy and quick mounting and dismounting

Solution:

Connector family designed according to requirements of various measuring points having following advantages:

- variable cable connection (one rear and three side connections)
- little possibility of failure
- divided design
- members of family are variable with each other
- when worn out only headpiece is to be replaced
- replacement of headpiece is quick and simple

Awaiting your order, yours sincerely

Technoplast Prototyping Kft.

Gábor Zai (Mr.)

