

## TRANSPORT INFRASTRUCTURE



As the Sales Partner of UK based Scientific Management International, Simex is able to offer bespoke pressure moulded cable systems which are ideally suited to the rail industry.

With over 25 years' experience in moulding technology for electrical, electronic, fibre optic and sensing cable systems being used in harsh environments where it is essential to have no water ingress into the connectorised part of any system. This solution is preferred for its total reliability.

### New Projects, Existing Systems and Maintenance

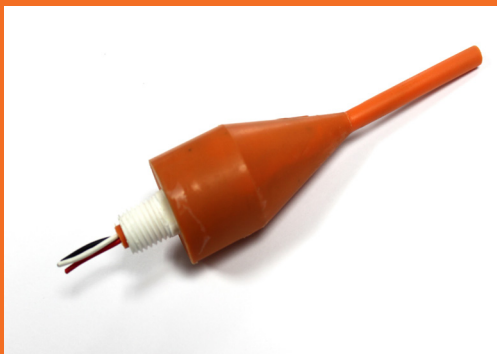
Thermoplastic moulding technology ensures total integrity on all connectorised ends and joints which are water blocked ensuring no water or moisture ingress can get to the connections. This process gives 100% efficiency as demanded by the rail industry. This improves 'Total Cost of Ownership' (T.C.O.) by means of less system downtime due to connection failures.

This technology is suitable for cables used in:

- Power
- Signaling
- Rolling Stock
- Networks
- Control
- Points System

The manufacturing process is based on the "Fit and Forget" ethos. This means the products are tested at all stages of manufacture. This is also strengthened by internal deep cycle testing using the latest x-ray procedures and constant quality control.

### Case Study – Self-Testing Current Rail Indicator Device



Together with our partners we have developed a way to help keep workers safe when working with live rail environments. This safety device uses our fully amalgamated jacket moulding process to deliver the most robust and cost effective solution to determine if the line about to be worked on is safe.

This bespoke product is approved for use on London Underground and Network Rail Infrastructure (Certificate PA05/06069).

# SIMEX

