



Works Photo: INDUSTRONIC*

PVC Control Cables for Intrinsically Safe Circuits

Electrical cables for intrinsically safe circuits (separate power circuit of hazard type-i-) have to be specially marked with a blue outer sheath (RAL 5015) according to DIN VDE. HELUKABEL® manufactures these cables according to DIN VDE 0165 and in addition, screened types according to DIN VDE 0165, part 1, EN 60079-14 and IEC 60079-14 section 12.2.2.6.

As these cables are installed with separate power circuit, the applications of green-yellow protective conductor is not allowed.

The installation of these cables outside of intrinsically safe circuits are not permitted. The installation can be done in dry and damp environments, but not in underground and in open air. The special PVC outer sheath material is resistant to oil and petrol as well as flame resistant.

HELUKABEL® can deliver almost all the cables as per typelists on the following pages, predominantly available in stock.

Special cables can be manufactured in short time.

* INDUSTRONIC – installation of intercom telephone equipment in hazardous area in DMT-plant of Dynamit-Nobel AG, workshop in Witten.