

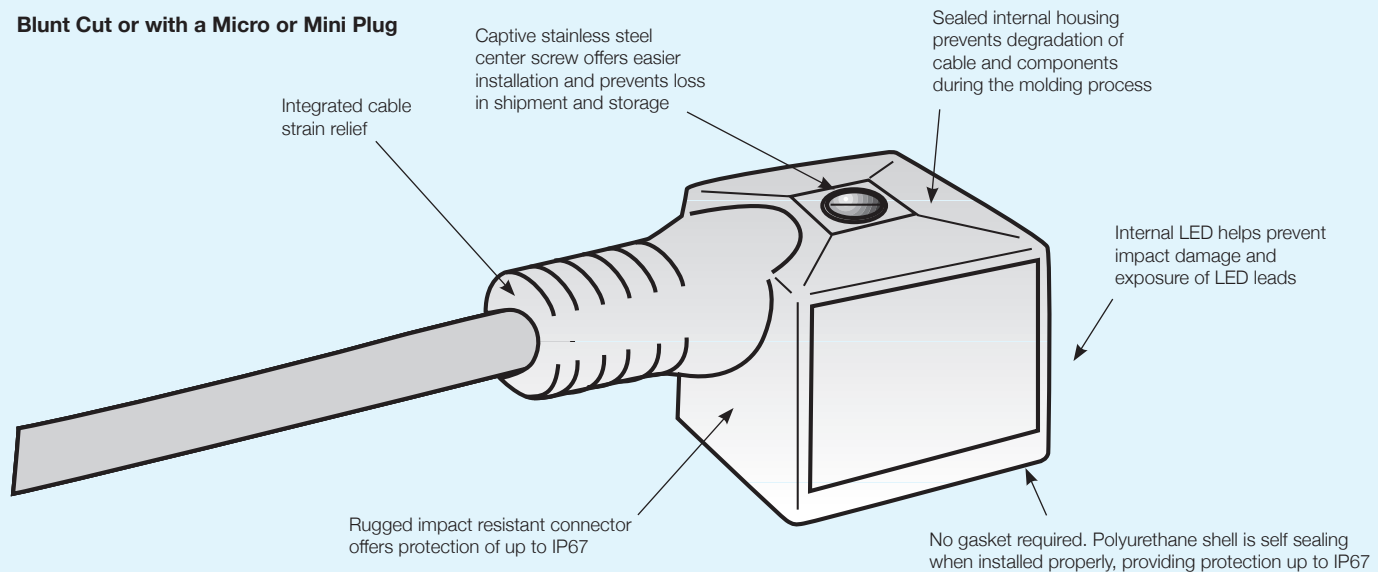
Quick-Connex® DIN Connector Assemblies

Quick-Connex® DIN connector assemblies feature a self-sealing polyurethane shell design providing environmental protection up to IP67/ NEMA 6, an integrated LED connector head, built in surge suppression and secured to our Trex-Onics® 18 AWG cable. Available with a Blunt Cut or with a Mini or Micro connector.

TPC also offers you the option to build your own DIN connector cordsets. Choose the DIN style, voltage, number of conductors, ground position and length. Our sales team and engineers will work with you one-on-one to custom build the exact DIN for your needs.



Blunt Cut or with a Micro or Mini Plug



DIN Connector Overview

What is a DIN?

DIN or Deutsch Industrial Normale is a series of uniformity standards developed in Germany which apply to commonly manufactured items.

What is DIN EN175301-803 formerly DIN 43650?

It's the standard for a series of electrical connectors which are commonly used with solenoids, especially those used on valves in hydraulics and pneumatics. Other applications include sensors, pressure switches, optical and limit switches.

What does DIN EN175301-803 / DIN 43650 include?

A family of four connectors, ISO DIN Style A 18mm, Mini 11mm and Sub-Micros 9.4mm and 8mm.

How are DINs applied?

Generally, the female DIN connector is attached to the solenoid valve or sensor and the blunt end or Quick-Connex® Mini or Micro Male attaches to the controller

Why use a molded DIN assembly?

Hard wiring a DIN is labor intensive and molded assemblies offer a more secure installation, technical advantages and save time, labor and cost.

Why use Surge Suppression?

In Solenoid valve applications, a magnetic field is created around the coil. When the power is turned off as the coil is de-energized, the remaining magnetic field collapses back onto the coil, creating an electrical surge which can exceed 3000 volts. The resulting surge can cause immediate and long-term component damage and may cause noise-interference problems. Building surge suppression into the DIN connector stops the transient surge at the source. The suppressor circuit offered with TPC DIN assemblies is a polarity independent varistor MOV, working with AC and DC and offers a small release delay time.