



# Features & Benefits

Deutsch connectors are ideal where dust, dirt, moisture, salt spray, and vibration can contaminate or damage electrical connections.

## ■ Deutsch Features

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- Common contacts- a small number of contacts terminates multiple Deutsch connectors.
- Maximum current rating- majority of the contacts do not require a derating curve to determine proper application.
- Common tooling- hand crimp tools, automated or semi-automated tooling are available for solid or stamped & formed contacts.
- Environmental seal- will handle extreme applications.
- Gas tight crimp terminations- when properly crimped, provide a gas tight crimp which is highly resistant to increases in resistance as a result of temperature and oxidation.
- High performance molded shells- impact resistant and fire retardant.
- Redundant silicone seals- many connectors feature integral components that reduce wire termination assembly time and cost.
- Hand insertable/removable contacts- no special contact insertion tools and simplified service.
- Keying options- prevents mismatching in multiple connector applications.
- No contact retention "tangs."
- Extended wire sealing ranges.

## ■ Deutsch Benefits

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- Easy to use
- Minimized warranty claims
- Added customer value
- Lower tooling costs
- Minimized electrical failures
- Eliminate mismatching
- Reduced assembly time
- Simplified field service
- Decreased down time
- Reduced repair time
- Increased product confidence
- Reduced repair expense
- Lower inventory cost
- Increased reliability