- IP Rating
- Miniaturization
- Locking Mechanism
- Ergonomics
- Safety Standards

SEAL THE DEAL

Finding the right sealed connector takes time. To make sure it's the right one, here are some criteria to consider.

WHAT LEADS TO CONNECTOR FAILURE?

CONSIDERATIONS TO SOLVE YOUR HARSH ENVIRONMENT APPLICATION REQUIREMENTS.

CONCERN	SOLUTION
IMPROPER SELECTION Moisture and undersized connectors can lead to decreased connector life or potential failure.	**ENVIRONMENTAL SEALING** Select appropriate Ingress Protection (IP) rating and seals to protect against dust and moisture in extreme environments.
OPERATING TEMPERATURE Connectors not rated for extremely high or low temperatures may eventually fail.	**MATERIAL SELECTION** Select materials suitable for the application environment to prevent potential corrosion.
MATING FACTOR Frequent mating and unmating of a connector can potentially cause failure.	**PLATING TECHNOLOGY** Select connectors with appropriate mating cycles, durability, and performance.
IMPROPER DESIGN AND INSTALLATION Shock or other damaging motions along with improper mounting may result in connector contacts, mating shells and cable damage.	**CONNECTOR DESIGN / CUSTOMIZATION** Consider connector's shape, size, mating mechanism, and pin positioning.
VIBRATION / LOOSE WIRING High vibration in industrial applications can cause the terminal wires to loosen, resulting in broken or intermittent connections.	**LOCKING / COUPLING METHODS** Select the appropriate locking/coupling mechanism to ensure connector durability in harsh environments.

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