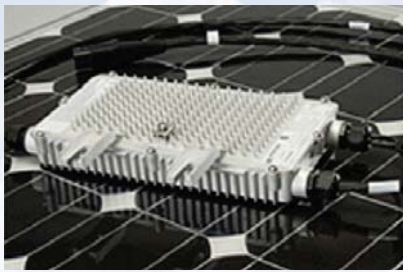




SEALCON GOES SOLAR

We're on board - Are you?

Solar energy is one of the **most efficient and affordable renewable energy sources** available today. The **financial and ecological benefits** to using solar energy are abundant, which is why Sealcon has decided to enter the renewable energy arena and offer **durable products** that can withstand the UV-exposure and extreme temperatures needed when building solar energy systems.



Liquid Tight Strain Relief Fittings:

- Nickel Plated Brass, Nylon
- V0 rated, NEMA 4x and 6 (IP68 / IP69K)

Interchangeable Inserts:

- Multi-Hole
- ROMEX^{®*}
- Viton^{®**}
- Silicone
- Standard
- Reduced

Strain Relief and Strain Relief accessories can be used indoors and outdoors in both hot and cold temperatures.

*ROMEX[®] is a federally registered trademark of Southwire Company
**Viton[®] is a federally registered trademark of DuPont Dow Elastomer

Industrial Enclosures:

- PV & Combiner Boxes
- Polycarbonate, Polyester, ABS, Aluminum, Steel
- Some with UL approval



M16 Circular Connectors:

- Nickel Plated Brass
- EMI, Push-Pull, Threaded
- NEMA 4x (IP67)

Sealcon delivers innovative solutions for today's challenging applications. Our **highly trained and friendly sales staff** can assist you in determining what **custom solutions** meet your needs. Our products are **reliable, efficient** and offer **superior performance!**

Metal Enclosure

Plastic Enclosure



2D/3D CAD Available!



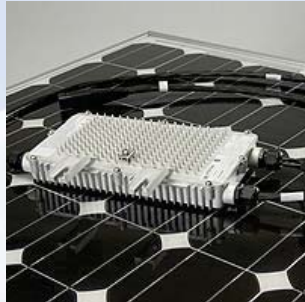


Solar Solutions



Sealcon is successfully selling Hummel Industrial Components to manufacturers and integrators of residential and commercial solar solutions.

Applications: Inverters – PV Boxes - Combiner Boxes – Enclosures - Connectors (for cooling fans)



Enphase Energy Micro-Inverter with 3 Strain Relief Fittings



Nylon 6 Nickel Plated Brass
(Available in EMI)



Custom Enclosure Options Available

Technical Specifications

Strain Relief:

Materials:

Nylon 6: -40°C to 100°C / -40°F to 212°F
Nickel Plated Brass: -40°C to 100°C / -40°F to 212°F

Seal / O-Rings:

Buna-N: -30°C to 120°C / -22°F to 248°F
Viton®: -40°C to 200°C / -40°F to 392°F
Silicone: -60°C to 250°C / -76°F to 482°F
(Silicone ideal for ozone / UV conditions)

- **Flammability Rating:** V0 & Non-Corrosive
- **Liquid Tight Rating:** NEMA 4x & 6 (IP68 / IP69K)
- **Interchangeable Inserts:** Multi-Hole, Romex®, Viton®**, Silicone, Standard & Reduced



For one or more cable entries (space & cost saving)!
For indoor & outdoors / In hot & cold temperatures!

*ROMEX® is a federally registered trademark of Southwire Company
**Viton® is a federally registered trademark of DuPont Dow Elastomer

M16 Circular Connector:

Material: Nickel Plated Brass (EMI Ready!)
Mechanical: Push-Pull & Threaded
Seals: Buna-N: -30°C to 120°C / -22°F to 248°F
Contacts: 3 / 8 / 10 / 15 position Crimp Inserts
Amp Rating: Up to 20 Amp per Contact
Volt Rating: Up to 360 Volts
Liquid Tight Rating: NEMA 4x (IP67)



Your One Stop Solution For Cable & Wire Accessories!

Why use a Sealcon Product?

Why not offer the best solution? If you want to solve a customer's Strain Relief requirement – Don't settle for less – Let us make you and the customer a winner!

If customers are looking for a cord grip to seal a connection in a dust tight, hose down, or even a submersible application – the Sealcon design with its NEMA 4X and 6 (IP68 and IP69K) and 150 PSIG pressure rating as well as V0 flammability rating according to UL 94, is unsurpassed.

LIQUID TIGHT STRAIN RELIEF:

- NEMA 4x and 6 or IP68 – submersible! Also meets IP69K!
- Overlapping clamping splines push on form seal without damage to the cable
- V0 flammability rating / halogen & phosphorous-free - unsurpassed!
- 150 PSIG pressure rating - the highest in the industry
- O-ring groove and ratchet for increased safety!
- Meet UL, CSA, CE, RU, VDE, RoHS and Deca BDE standards
- Hazardous Location / Explosive Proof - EX and ATEX
- Large inventory in Denver – no minimum purchase requirement!

FLEXIBLE CONDUIT & FITTINGS :

- Corrugated Liquid Tight in Nylon, and Superflex with Fittings

CIRCULAR CONNECTORS:

- IP67 rated M16, M23, M27 and M40 (Signal & Power)
- 3-28 solder & crimp contacts for Signal, 6 & 8 crimp contacts for Power
- Straight, Elbow, EMI, RJ45, Profinet, Over Mold and 316 Stainless options
- UL, UR, CSA, VDE, TUV, Deca BDE & RoHS

INDUSTRIAL ENCLOSURES:

- NEMA 4X/IP65 Polycarbonate, PC/EMI, Polystyrene, ABS, Polyester, Aluminum, Steel and Stainless Steel Enclosures (EMI shielding, solid or transparent lids, smooth or with PG/Metric knockouts, membrane flange, extension frames, hinges & latches)

From our sister company Hi-Tech Controls, we make available...

CABLE & WIRE:

- Solar Cable with CE Approval, Flexible Cables, Deca BDE & RoHS
- Other cable types: Control, Data & Computer, BUS, Internationally Approved, Intrinsically Safe, Medium Voltage, Servo, Feedback & Composite, Halogen-Free, Harmonized, Heat Resistant, and many more!



HUMMEL
Setting Standards

Quality Discounts!

Blanket Orders!

No Minimum Orders!

Quick & Friendly Service!

Same Day Shipping!

All Major Credit Cards!



HI-TECH CONTROLS, INC.



Quality Discounts!
No Minimum Orders!
All Major Credit Cards!

Solar Cable

Blanket Orders!
Quick & Friendly Service!
\$25 Million+ in Inventory!



UL Cable (600V DC)



Part Number	Cross Section [AWG]	Conductor composition [mm]	Outer Diameter [mm]	Color
HTC-0120	12	48/0.30	6.4	Red
HTC-0160	12	48/0.30	6.4	Blue
HTC-0100	12	48/0.30	6.4	Black
HTC-0020	10	76/0.30	7.0	Red
HTC-0060	10	76/0.30	7.0	Blue
HTC-0000	10	76/0.30	7.0	Black

Technical Data

Materials

Conductor: Tinned Stranded copper wire
Insulation: XLPE I I25C
Jacket: XLPE I I25C

Electrical

Rated Current: 25 A*
Rated voltage UL: 600V DC
Conductor Resistance: < 4.44 Ω/km*
*for wire size 4.0 mm²

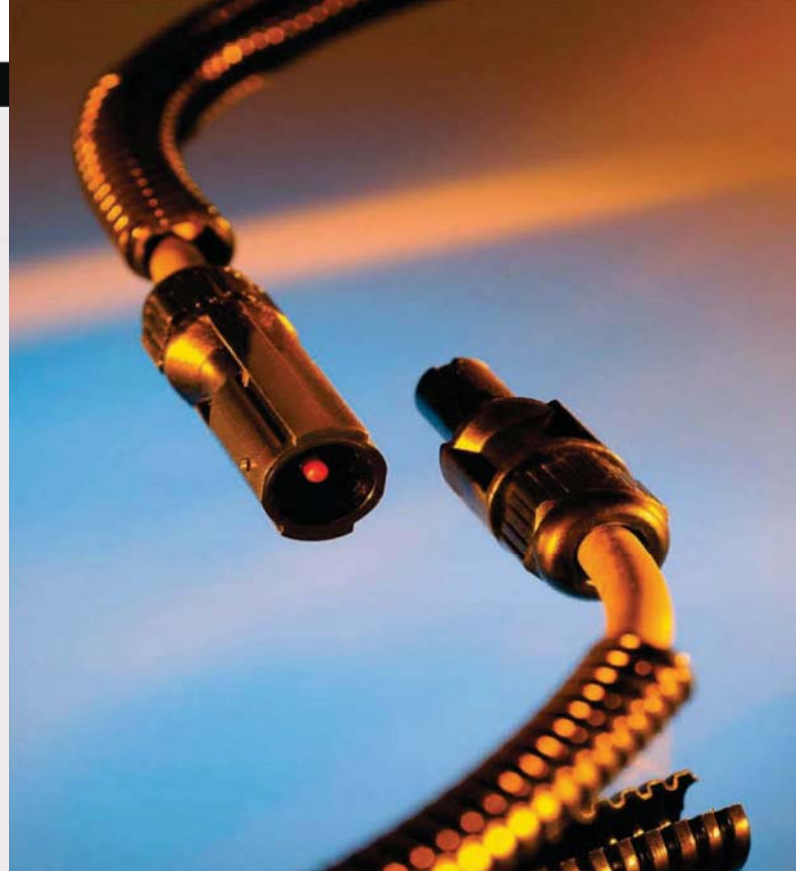
Mechanical

Wire Size Range: 4.0, 6.0 mm²
AWG 10, 12
Min. bending radius: 48mm for 4.0 mm²

Environmental

Temperature Range UL: -40°C up to +90°C
(-40°F up to +194°F)
Flame tested: EN 50265-2-1
Halogen Free
RoHS Compliant

Safety Approval and Standards
UL: Approved



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