PRODUCT PROFILE

Absolute Resolver Based Linear Position Cable Reel Transducers

Series HTCR Single Resolver Transducers Series HTTCR Dual Resolver Transducers
The HTCR-9(n)-6 appears as an HT-20-6 to all single turn Resolver Interface and Programmable Limit Switch Controllers.

All HTCR Transducers have 45 ft. (540 inches) of cable.

**SPECIFICATIONS:**

- **Weight:** 8 lbs
- **Cable Tension:** 25 Oz. Typical, 32 Oz. Max.
- **Housing Material:** Epoxy Painted Aluminum
- **Environmental Suitability:** Indoor/Outdoor
- **Operating Humidity,Splash:** NEMA 4
- **Operating Temperature:** 0 to 200°F
- **Extension Cable Diameter:** 0.024 or 0.047
- **Extension Cable Material:** Stranded Stainless Steel
- **Maximum Cable Retraction Accel.:** 1 G
- **Accuracy:** 0.05% Full Stroke ± 1 Count
- **HTCR-9(n)-6:** Span 76 inches, 10 Bit Resolution 0.075", 13 Bit Resolution 0.010"
The HTCCR-9(n)-100 appears as an HTT-20-100 to all compatible Resolver Interface and Programmable Limit Switch Controllers.

All HTCCR Transducers have 45 ft. (540 inches) of cable.

**SPECIFICATIONS:**

- **Weight:** 8 lbs
- **Cable Tension:** 25 Oz. Typical, 32 Oz. Max.
- **Housing Material:** Epoxy Painted Aluminum
- **Environmental Suitability:** Indoor/Outdoor
- **Operating Humidity, Splash:** NEMA 4
- **Operating Temperature:** 0 to 200°F
- **Extension Cable Diameter:** 0.024 or 0.047
- **Extension Cable Material:** Stranded Stainless Steel
- **Maximum Cable Retraction Accel.:** 1 G
- **Accuracy:** 0.05% Full Stroke ± 1 Count
- **0.013° Linear Resolution for all 18 bit controllers.**
- **0.003° Linear Resolution for all 20 bit controllers.**

* MS3102E20-27P Connector Mates with MS3106A20-27S

* Suggested Maximum Vertical Deflection for cable from perpendicular to transducer face.

* Suggested Maximum Horizontal Deflection for cable from perpendicular to transducer face.

* Dimension at Full Cable Extension

* Dimension at Full Cable Retraction

* Cable Exit Directions: (X) in Part Number

* Total Clearance of 5.5" needed for removal of mating connector.

* .900" Max.

* 5.400" (2) Up

* 5.10" Ref. Only

* 4.640" (1) Left

* 4.875" (3) Right

* 6.100" (4) Down

* 6.850"