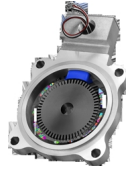


### Precision Gear Tooth Encoders



Designed for installation on NEMA 56C through 254TC C-Faced Motors

#### OVERVIEW

These Ring Kits are designed specifically to house CONTREX sensors for easy, drop-in installation. Each full kit includes flange ring, sensor, 60-tooth gear, junction box, wire nuts, and mounting bolts. Available with 2X Hall Effect, Quadrature, and Magnetic Pickup speed sensors.

#### FEATURES

-

Eliminates the need for special brackets and couplers found on typical encoders

-

Unique design of sensor insert creates a fixed sensor gap, providing more accurate readings

-

Square-cut design of gear teeth provide a greater measure of accuracy than rounded spur gears

-

Extended temperature range, -40°C to 125°C, can handle severe industrial environments

-

Limited lifetime warranty - Contrex warrants their sensors for the life of the machine

{tab=QUADRATURE ENCODER}

**Part No.**

**Frame Size**

**Gear Type**

**Sensor Type - Quadrature Encoder**

**Tooth Count**

**Bore Size**

**Output**

**Part No.**

7300-1600

56C

60

5/8"

7200-0990

Open Collector w/Pull-up Resistor

7300-1601

143TC/145TC

60

7/8"

7200-0990

Open Collector w/Pull-up Resistor

7300-1602

182TC/184TC

60

1 - 1/8"

7200-0990

Open Collector w/Pull-up Resistor

7300-1603

213TC/215TC

60

1 - 3/8"

7200-0990

Open Collector w/Pull-up Resistor

7300-1604

254TC/256TC

60

1 - 5/8"

7200-0990

Open Collector w/Pull-up Resistor

7300-1605

IEC 71D

60

14mm

7200-0990

Open Collector w/Pull-up Resistor

7300-1610

56C

60

5/8"

7200-0991

Open Collector

7300-1611

143TC/145TC

60

7/8"

7200-0991

Open Collector

7300-1612

182TC/184TC

60

1 - 1/8"

7200-0991

Open Collector

7300-1613

213TC/215TC

60

1 - 3/8"

7200-0991

Open Collector

7300-1614

254TC/256TC

60

1 - 5/8"

7200-0991

Open Collector

7300-1615

IEC 71D

60

14mm

7200-0991

Open Collector

7300-1620

56C

60

5/8"

7200-0992

Differential (complementary open collector)

7300-1621

143TC/145TC

60

7/8"

7200-0992



Differential (complementary open collector)

7300-1622

182TC/184TC

60

1 - 1/8"

7200-0992

Differential (complementary open collector)

7300-1623

213TC/215TC

60

1 - 3/8"

7200-0992

Differential (complementary open collector)

7300-1624

254TC/256TC

60

1 - 5/8"

7200-0992

Differential (complementary open collector)

7300-1625

IEC 71D

60

14mm

7200-0992

Differential (complementary open collector)

[Open Collector Quadrature Sensor Install Guide \(256KB PDF\)](#)  
[Sensata AEC Kit Replacement Install Guide \(100KB PDF\)](#)