

Features

- Very Small Profile
- Up to 11 Bit Absolute (Parallel)
- Sturdy Metal Construction
- Opto-ASIC Technology




## Description

The Absolute Single-Turn 51XA Series provides a solution to a wide variety of industrial applications requiring parallel 'Absolute' position information.

Its low profile package of just 40 mm deep, allows Absolute encoding where traditional Absolute encoders do not fit.

Innovative Opto-ASIC circuitry, coupled with its digital output, make it an excellent choice in applications plagued by high level of electrical noise. The 51XA can easily be mounted directly on a motor shaft, bringing the advantage of Absolute positioning in an all metal housing while eliminating the fixtures, couplers, and adapters required by other absolute encoder designs.

Mounting Options


Ordering Code


Positions Per Revolution (PPR)
256-(0 to 255)
360 - ( 0 to 359 )
XS360 - (76 to 435) Gray Only
512- (0 to 511)
720 - ( 0 to 719)
XS720 - (152 to 871) Gray Only
1024- (0 to 1023)
2048-(0 to 2047)

Output Circuit
U - Universal Line Driver (Suitable for most Push / Pull, NPN, PNP Applications) O- Open Collector
Exit
R-Radial

Connection
D - 2 Meter Cable
S - Special Cable length
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