



## Main

Commercial Status	Commercialised
Range of product	OsiSense XCC
Encoder type	Multiturn absolute encoder
Encoder name	XCC
Product specific application	-
Diameter	2.28 in (58 mm)
Shaft diameter	0.39 in (10 mm)
Shaft type	Solid shaft
Resolution	4096 turns/8192 points
Electrical connection	1 male connector M23 radial 12 pins
Output stage	Type SB
Type of output stage	SSI 25-bit binary
[Us] rated supply voltage	11...30 V DC
Enclosure material	Steel

## Complementary

Residual ripple	0...500 mV
Maximum revolution speed	6000 rpm
Shaft moment of inertia	0 lb.in <sup>2</sup> (10 g.cm <sup>2</sup> )
Torque value	0.04 lbf.in (0.004 N.m)
Maximum load	5 daN axial 10 daN radial
Output frequency	100...500 kHz
Current consumption	0...100 mA no-load
Protection type	Reverse polarity protection Short-circuit protection
Physical interface	RS422
Output level	High level: 2 V minimum 20 mA
Surge withstand	1 kV level 2 IEC 61000-4-5
Base material	Aluminium
Shaft material	Stainless steel
Type of ball bearings	6900ZZ1
Product weight	1.51 lb(US) (0.685 kg)

## Environment

Marking	CE
Ambient air temperature for operation	-4...185 °F (-20...85 °C)
Ambient air temperature for storage	-4...185 °F (-20...85 °C)
IP degree of protection	IP65 IEC 60529
Vibration resistance	10 gn (10...2000 Hz) IEC 60068-2-6
Shock resistance	30 gn (11 ms) IEC 60068-2-27
Resistance to electrostatic discharge	8 kV air discharge level 3 IEC 61000-4-2 4 kV contact discharge level 3 IEC 61000-4-2
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) level 3 IEC 61000-4-3
Resistance to fast transients	2 kV power ports level 3 IEC 61000-4-4 1 kV signal ports level 3 IEC 61000-4-4

### Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	003389119056250
Nbr. of units in pkg.	1
Package weight(Lbs)	1.51
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

### Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0701 - <a href="#">Schneider Electric declaration of conformity</a>

### Contractual warranty

Period	18 months
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