



### Main

Commercial Status	Commercialised
Range of product	OsiSense XCC
Encoder type	Multiturn absolute encoder
Encoder name	XCC
Product specific application	-
Diameter	3.54 in (90 mm)
Shaft diameter	1.18 in (30 mm)
Shaft type	Through shaft
Resolution	4096 turns/8192 points
Electrical connection	1 male connector M23 radial 12 pins
Output stage	Type SG
Type of output stage	SSI 25-bit gray
[Us] rated supply voltage	11...30 V DC
Enclosure material	Zamak

### Complementary

Shaft tolerance	H7
Residual ripple	0...500 mV
Maximum revolution speed	3600 rpm
Shaft moment of inertia	0.02 lb.in <sup>2</sup> (56 g.cm <sup>2</sup> )
Torque value	0.07 lbf.in (0.008 N.m)
Maximum load	8 daN radial 2 daN axial
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	6807ZZ
Product weight	2.34 lb(US) (1.06 kg)

### Environment

Marking	CE
Ambient air temperature for operation	14...167 °F (-10...75 °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	003389119015745
Nbr. of units in pkg.	1
Package weight(Lbs)	2.33
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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