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Fiber Sensors

E32-T11N

about this Product Family

Inquiry of this Product

Through-beam , Flexible , Light angle (L type sticking) type , M4 screw , Minimum bending radius R1



CG Image [3D-CAD]

Ratings / Performance

Dimensions

As of June 24, 2011

Product outline	Light angle (L type sticking) type, M4 screw head through-beam fiber, Flexible fiber
Sensing method	Through-beam
Shape	Screw-shaped Side view
Fiber cable type	Flexible
Standard Length	2m
Minimum bending radius	R 1 mm Min.
Free-cut	Possible
Degree of protection	IEC60529: IP67
Opening size	1 dia.
Ambient temperature	Operating: -40 to 70 CEL Storage: -40 to 70 CEL (with no icing or condensation)
Ambient humidity	Operating: 35 to 85 %RH Storage: 35 to 95 %RH (with no icing)
Vibration resistance	10 to 55 Hz1.5-mm double amplitude for 2 hours each in X, Y, and Z directions
Shock resistance	500m/s ² for 3 times each in X, Y, and Z directions
Material (Sensing head)	Brass nickel plating
Material (Fiber sheath)	Plastic (PVC coating)
Material (Fiber core)	Acrylic resin (PMMA)
Material (Clamping nuts)	Brass nickel plating
Material (Toothed washer)	Iron nickel plating
Tensile strength	29.4 N Max.
Clamping torque	0.78 N.m Max.
Accessories	Hexagonal nut, Toothed washer, Fiber cutter(E39-F4)

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