

Product Category

Sensors

Photoelectric Sensors

Optical Fiber Sensors

Fiber Units

E32 Series

Item list

Product Category

A to Z Index

Applications

Cautions

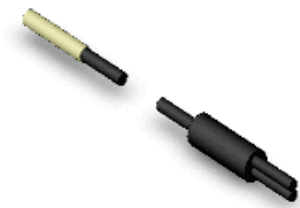
Fiber Sensors

E32-D32L

about this Product Family

Inquiry of this Product

Diffuse-reflective , Coaxial/Small spot , 3-dia. Cylinder



CG Image [3D-CAD]

Ratings / Performance		Dimensions	
As of June 24, 2011			
Product outline	3-dia. cylinder head coaxial reflective fiber		
Sensing method	Diffuse-reflective		
Shape	Cylinder type Top view		
Fiber cable type	Standard		
Standard Length	2m		
Minimum bending radius	R 25 mm Min.		
Free-cut	Possible		
Degree of protection	IEC60529: IP67		
Differential distance	20% max. of sensing distance		
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/s2 for 3 times each in X, Y, and Z directions		
Weight (packedstate)	Approx. 50 g		
Material (Sensing head)	SUS304		
Material (Fiber sheath)	Plastic (combination of PVC, polyethylene, and polyolefin coating)		
Material (Fiber core)	Acrylic resin (PMMA)		
Tensile strength	29.4 N Max.		
Clamping torque	0.29 N.m Max.		
Accessories	Fiber cutter(E39-F4)		
As of June 24, 2011			