

FSPC7.E355642 - Energy and Industrial Systems Certified for Functional Safety Certified for Canada

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IDEC CORP

E355642

6-64 NISHIMIYAHARA 2-CHOME
YODOGAWA-KU, OSAKA 532-0004 JAPAN

Listed products investigated to ANSI/UL 1998 (1998)

Model No.	Safety Function	Safety Rating	Beta			Diagnostic			Category	CCF	
			SFF	PFH	HFT	Factor	PFD _{avg}	MTTF _d			Coverage
Type 3 Laser Scanners											
SE1L-H02LP (+)	Laser Scanner	Class 2	-	-	-	-	-	-	-	-	-
SE2L-H05LP	Laser Scanner	Class 2	-	-	-	-	-	-	-	-	-
SE2L-H05LPC	Laser Scanner	Class 2	-	-	-	-	-	-	-	-	-

Listed products investigated to EN/IEC 61508, Parts 1 - 7 (2010)

Model No.	Safety Function	Safety Rating	SFF	PFH	HFT	Beta		Diagnostic			Category	CCF
						Factor	PFD _{avg}	MTTF _d	Coverage			
Type 3 Laser Scanners												
SE1L-H02LP (+)	Laser Scanner	SIL 2	>90% Medium	7.49 x 10 ⁻⁸	1	2%	5.42 x 10 ⁻⁹	424.64	Low	Category 3	2%	
SE2L-H05LP	Laser Scanner	SIL 2	>90% Medium	7.49 x 10 ⁻⁸	1	2%	1.6 x 10 ⁻⁸	35.29	Medium	Category 3	2%	
SE2L-H05LPC	Laser Scanner	SIL 2	>90% Medium	7.49 x 10 ⁻⁸	1	2%	1.6 x 10 ⁻⁸	35.29	Medium	Category 3	2%	

(+) - Also complies with UL 1998, the Standard for Safety Related Software. Also complies with IEC 61508. Also complies with IEC 61508-3.

Last Updated on 2016-10-06

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