

FSPC.E355642 - Energy and Industrial Systems Certified for Functional Safety

Energy and Industrial Systems Certified for Functional Safety

[See General Information for Energy and Industrial Systems Certified for Functional Safety.](#)

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	SFF	PFH	HFT	Beta Factor	PFD _{avg}	MTTF _d	Diagnostic Coverage	Category	CCF
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 Factor	PFD _{avg}	MTTF _d	Diagnostic Coverage	Category	CCF
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

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2020 UL LLC"