Reliability Data for Safety of Machinery

Proximity Sensor

OMRON

OMRON Corporarion

15-Jan-14

Contents of this document are subject to change without notice.

Products	Model	Condition / Function	SIL	PFHd	PL	Category	MTTFd(Year)	DCavg (%)	B10d	Note
Proximity Sensor	E2E-CR6**	3 dia., DC 3-wire	–	–	–	–	2034	-	-	
Proximity Sensor	E2E-CR8**	4 dia., DC 3-wire	–	–	–	–	1934	-	-	
Proximity Sensor	E2E-X1**	M5, DC 3-wire	–	–	–	–	1934	–	–	
Proximity Sensor	E2E-C1**	5.4 dia., DC 3-wire	–	–	–	–	1934	–	–	
Proximity Sensor	E2E-X*** (except E2E-X1** models above)	DC 3-wire except M5 models above	–	–	–	–	1643	–	–	
Proximity Sensor	E2E-X*D*	DC 2-wire	–	–	–	–	2901	–	–	
Proximity Sensor	E2E-X*Y*	AC 2-wire	–	–	–	–	1045	–	–	
Proximity Sensor	E2E-X*T*	AC/DC 2-wire	–	–	–	–	1137	–	–	
Proximity Sensor	E2E-C03***-**-**	DC 3-wire	–	–	–	–	1983	–	–	
Proximity Sensor	E2E-S04***-**-**	DC 3-wire	–	–	–	–	1983	–	–	
Proximity Sensor	E2E-C04***-**-**	DC 3-wire	–	–	–	–	1698	–	–	
Proximity Sensor	E2E-S05***-**-**	DC 3-wire	–	–	–	–	1698	–	–	
Proximity Sensor	E2E-C06***-**-**	DC 3-wire	–	–	–	–	1979	–	–	
Proximity Sensor	E2A-*****-*-B*-**	DC 3-wire	–	–	–	–	1717	–	–	–
Proximity Sensor	E2A-*****-*-C*-**	DC 3-wire	–	–	–	–	1717	–	–	
Proximity Sensor	E2A-*****-*-E*-**	DC 3-wire	–	–	–	–	1717	–	–	
Proximity Sensor	E2A-*****-*-F*-**	DC 3-wire	–	–	–	–	1717	–	–	
Proximity Sensor	E2A-*****-*-D*-**	DC 2-wire	–	–	–	–	1190	–	–	
Proximity Sensor	E2B-*****-*-** *	DC 3-wire	–	–	–	–	1260	–	–	
Proximity Sensor	E2S-***	DC 2-wire	–	–	–	–	5530	–	–	
Proximity Sensor	E2S-***	DC 3-wire	–	–	–	–	2000	–	–	
			–	–	–	–	–	–	–	

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			–	–	–	–	–	–	–	
			–	–	–	–	–	–	–	
			–	–	–	–	–	–	–	
			–	–	–	–	–	–	–