Reliability Data for Safety of Machinery

Proximity Sensor

OMRON Corporarion

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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	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	–	–	