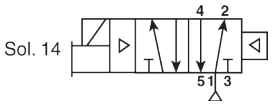
Product Reliability Data

PRD-SIF-017





See “Compliance Certification & Safety” section under Related Documents for additional product information. www.parker.com/pdn/HSeriesISO

The reliability data for Parker **H1 Valve H11VXBG0B9D** assumes compliance with all operating manuals, specifications, and operating conditions. The user is responsible for determining suitability for the application.

Function	Description
Component Series/Model	**H1 Valve H11VXBG0B9D**
Well-tried component[1]	Yes
Safe Function	Prevention of unexpected start-up
CCF (common cause failure)	Yes, meets CCF criteria per ISO 13849-1:2015
Design	4-way, 2-position, air return
Pilot / Control	Single solenoid, internal pilot, non-locking
Category	SRP/CS
B10 Endurance Life[2]	1.55×10^7 (15.5 Mio Switching Cycles)
$B10_D$ Endurance Life[3]	3.10×10^7 (31 Mio Switching Cycles)
Certifications Electrical	cCSAus
Certifications European	CE (see EC declaration of conformity)
IP Rating	IP65

1. Products indicated as well-tried components / basic safety principles follow the guidelines of ISO 13849-1:2015
2. Service life values are based on ISO 19973-1&2:2015 Pneumatic fluid power-assessment of component reliability by testing.
3. The B10D value is based on the B10 value using B10x2 in accordance with ISO 13849-1:2015
4. The information herein was exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

Parker offers the above data for safety engineering purposes, and we accept no liability for any errors or consequential damages from misuse or misunderstanding of the data provided. Users of products for SRP/CS are responsible for the safe selection, application, test, and validation of control systems. It is the sole risk and responsibility of the system designer to use components for their intended function following all operating procedures. Parker gives no warranty, neither expressed nor implied for the suitability of any component.

Contact PDN.technical@support.parker.com, Data subject to change, Published Feb 07, 2024. Rev. 00