



Datasheet for part number APD-1BSH8-2-12

Our Catalog Part Number: APD-1BSH8-2-12
Our Global Manufacturing Part Number: 121583-0083
Brand: Cannon Product Category: Transportation Product Line: Vector/APD/Harness/Others Series: AP / APD / APK

Product Datasheet	
SERIES	APD High Power 2-way
CONNECTOR TYPE	Plug
GENDER	Socket
CODING (mechanical keying and visual color coding)	Code 1 - grey (RAL 7036)
OPERATING VOLTAGE	48 VDC
OPERATING CURRENT	see derating curve (catalog)
CONTACT RESISTANCE	2 mΩ max
VOLTAGE PROOF	1000 VAC, 60 seconds
INSULATOR RESISTANCE	10 MΩ min.
DURABILITY	50 Mating Cycles
COUPLING TORQUE	2 Nm max
STATIC LOAD	350 N (ISO 15170-2, Sec. 4.6)
TEMPERATURE RANGE	-40 °C up to 125 °C (ISO 15170-2, Sec. 6.4)
HUMIDITY RANGE	up to 95 % r.h. (ISO 15170-2, Sec. 6.4)
SEALING	IP 67 (DIN EN 60529)
SALT SPRAY	96 h, 35 °C (ISO 15170-2, Sec. 6.2)
INDUSTRIAL CLIMATE	SO <sub>2</sub> , 0,67 % (ISO 15170-2, Sec. 6.3)
FLUID COMPATIBILITY	Brakefluid, ATF, fuel, .. (ISO 15170-2, Sec. 6.6)
VIBRATION RESISTANCE	Sine, 100 m/s <sup>2</sup> , 3 axis, 24h, RT (EN 60512)
HOUSING MATERIAL	PBT GF
SEALING MATERIAL	HNBR (alternative FKM)
COUPLING NUT MATERIAL	PA 66 GF
CONTACTS MATERIAL	please order contact separately