



Datasheet for part number APD-1BS-K2

Our Catalog Part Number: APD-1BS-K2
Our Global Manufacturing Part Number: 121583-0000
Brand: Cannon Product Category: Transportation Product Line: Vector/APD/Harness/Others Series: AP / APD / APK

Product Datasheet	
Series	APD 4-way
Connector type	Plug
Contact Gender	Socket
Coding (mechanical keying and visual color coding)	Code 1 - black (RAL 9005)
Contact Quantity	4
Operating voltage	48 VDC
Operating current	see derating curve (catalog)
Contact resistance	5 mΩ max
Voltage proof	1000 VAC, 60 seconds
Insulator resistance	10 MΩ min.
Durability	50 Mating Cycles
Coupling torque	1,2 Nm max
Static load, mated connector	250 N axial, 150 N lat. (ISO 15170-2, Sec. 4.5)
Static load, free connector	350 N (ISO 15170-2, Sec. 4.6)
Temperature range	-40 °C up to 140 °C (ISO 15170-2, Sec. 6.4), 30g
Humidity range	up to 95 % r.h. (ISO 15170-2, Sec. 6.4)
Environmental Sealing	IP 67 + IP 69k (DIN EN 60529)
Salt spray	96 h, 35 °C (ISO 15170-2, Sec. 6.2)
Industrial climate	SO ₂ , 0,67 % (ISO 15170-2, Sec. 6.3)
Fluid compatibility	Brakefluid, ATF, fuel, .. (ISO 15170-2, Sec. 6.6)
Vibration resistance	Sine, 300 m/s ² , 3 x 100h, RT and 120°C (ISO 15170-2)
Housing material	PBT GF
Sealing material	HNBR (alternative FKM)
Coupling nut material	PA 66 GF
Contacts included	No, order separately