Datasheet for part number APD-1AP7

Our Catalog Part Number: APD-1AP7
Our Global Manufacturing Part Number: 121583-0020
Brand: Cannon Product Category: Transportation Product Line: Vector/APD/Harness/Others Series: AP / APD / APK

Product Datasheet	
Series	APD 7-way
Connector type	Flange Receptacle (Front or Rear Mount)
Contact Gender	Pin
Coding (mechanical keying and visual color coding)	Code 1 - black (RAL 9005)
Contact Quantity	7
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	350 N (ISO 15170-2, Sec. 4.6)
Dynamic impact	2 J (49mm- ball- drop- test, height 400mm)
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)
Enivornmental 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, 200 m/s², 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

Specifications and dimensions subject to change.