

Attachable[®]

Power Nose (APN)



R91 with
LEDs & Switches

400Hz 115/200V AC Connector with Switches and Sensing Leads



Replaceable Nose
With EcoNose[®]

Now available with the life extending EcoNose[®]

- Replaces the severe wear area with a super tough high density (HD) polymer to extend product life
- Reduces wear on the plug nose and contacts
- Protects plug contacts from deformation
- HD polynose can be changed in 60 seconds on the ramp for quick return to service
- Compatible with all aircraft

APN Advantages:

- Truly modular socket now with EcoNose[®]
- Quickly replace all components for low life cycle cost
- Fully sealed with O rings eliminating need for potting
- Super tough clam shell is shock proof, highly abrasion and chemically resistant to environment
- New Euro Contacts with lower insertion force
- Waterproof LED's and buttons are visible when plugging in
- Wide range of cables can be accommodated



R92 DC Plug with
Switches

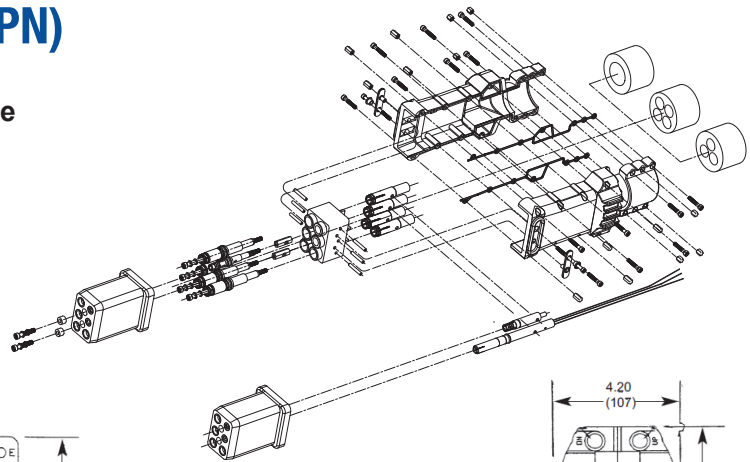


ANDERSON AIRMOTIVE
YOUR POWER CONNECTION

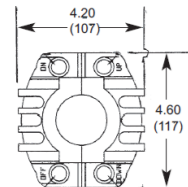
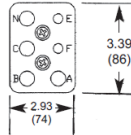
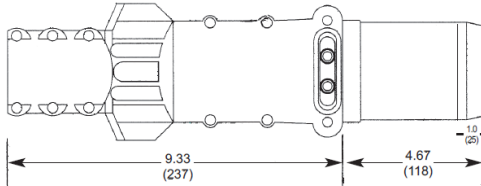
Attachable® Power Nose (APN)



**Easily Replaceable
Contacts**



DIMENSIONS:



TECHNICAL DATA:

Nominal voltage:	115/200 V, 400 Hz
Current carrying capacity:	350 A
Current overload:	700A for 3 minutes; 1500A for 1 minute
Test voltage:	4kV
Pilot contact switch:	max. 30 VDC, 1 A, NO/NC
Control button:	30 VDC, 1.5 A
Operating temperature:	-60°C to +120°C (-60°F to +248°F)
Protection class:	IP 67 for mounted connector
Push and pull forces:	acc. to DIN EN 61984 # 445 N (100 lbs.)
Weight:	2.9 kg (6.4 lbs.)
Applicable norms:	2006/42/EC Machinery Directive, VG 95319, ISO 461, AS7974, AS(MS)25486, DFS 400, mates to AS90362 receptacle; R112 Portable Attachable® Receptacle



**Up to 6 LEDs &
4 Switches**

OPTIONS:

- Three nose colors available - yellow, blue, green
- Pilot contact with switch or split control contact signals when connector is securely engaged, ensures voltage is applied only when proper mechanical connection is established
- Up to 6 LEDs for 400 Hz power, 28 VDC control voltage and pilot contact
- Four control buttons for 400 Hz supply and cable coiler directly at connector
- Temperature sensors in main contacts prevent connector from overheating
- DC 28V socket available with on/off, sensing
- EcoNose® for extending service life of socket & cable assembly
- Euro Contact for lower insertion force

Ordering Information:

❖ AC R91G xx(E)(F)(G)(EN)(Y)(Z)(W)(T)
❖ DC R92G xx(E)(F)(EN)(Y)(Z)(W)

xx – Model Number

E = Standard Contact
F = Euro Contact
G = Single Piece Contact
EN = EcoNose®

Y = Switch Configuration
Y1 = On; Off
Y2 = On; Off; In; Out

Z = LED Configuration
X = Green, Red, Amber
G = Green
GR = Green, Red

W = Sensing Options
1S = one wire split control
2S = two wire split control
V = Micro Switch

T = Temp Sensing

* Eco-Nose is a registered trademark of Anderson Airmotive Products Co., Inc.

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