



Long Life Reliability
does not cost the earth

**Connection
Systems**



Plane Power

Plane Power P28 Aircraft Connector

Connection of 28VDC ground power supply to aircraft

www.lpa-group.com

enquiries@lpa-connect.com

+44 (0)1799 512800

Easy connection to cable

Low maintenance

IP66 & IP67 rated (no filler required)

Suitable for a wide range of composite and single core cables

External components manufactured from impact, abrasion and chemically resistant thermally stable polymers

Exterior handle / strain relief system

High conductivity silver-plated copper contacts

TECHNICAL SPECIFICATION

Nominal voltage: 28VDC

Current carrying capacity: 450A (power), 35A (control)

Current overload: 1500A for 1 minute (power)

High voltage test: 4000V

Operating temperature: -25°C to +90°C (includes temperature rise)

Ingress protection: IP66 & IP67

Applicable standards: ISO 461-1, ISO 461-2, VG 96966 and MIL-C-7974D

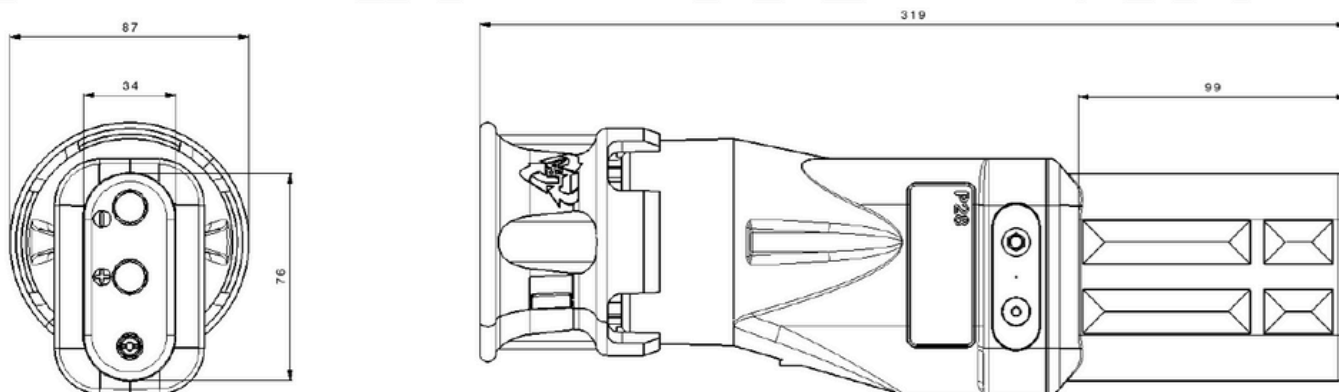
PRODUCT CODE

P28

WEIGHT

Overall weight: 1.2kg

DIMENSIONS



All dimensions in mm

LPA Connection Systems makes every effort to ensure the accuracy of the information contained within this datasheet. **However** we reserve the right to **withdraw** and re-issue this datasheet at a later date.



FM 01660

FM 759856



EMS 758363



LPA Connection Systems
enquiries@lpa-connect.com
+44 (0) 1799 512800
www.lpa-group.com

Light & Power House
Shire Hill
Saffron Walden
CB11 3AQ, UK

PLANE POWER P28 SOCKET PART NUMBER CONFIGURATOR

P28

/

Cable size

Bung type

Control tube type

Temperature sensor

	+	-
1	120mm ²	120mm ²
2	95mm ²	95mm ²
3	70mm ²	70mm ²
4	35/50mm ²	35/50mm ²
5	2x70/95mm ²	2x70/95mm ²
6	2x35/50mm ²	2x35/50mm ²

A	To suit 1 x Ø 34 - 36mm cable
B	To suit 1 x Ø 36 - 38mm cable
C	To suit 1 x Ø 38 - 40mm cable
D	To suit 1 x Ø 40 - 42mm cable
E	To suit 1 x Ø 42 - 45mm cable
F	To suit power 2 x Ø 10 - 12mm + 1 x Ø 9 - 11mm
G	To suit power 2 x Ø 12 - 14mm + 1 x Ø 9 - 11mm
H	To suit power 2 x Ø 14 - 16mm + 1 x Ø 9 - 11mm
J	To suit power 2 x Ø 16 - 18mm + 1 x Ø 9 - 11mm
K	To suit power 2 x Ø 18 - 20mm + 1 x Ø 9 - 11mm
L	To suit power 2 x Ø 20 - 22mm + 1 x Ø 9 - 11mm
M	To suit power 2 x Ø 21 - 23mm + 1 x Ø 9 - 11mm
N	To suit power 2 x Ø 23 - 25mm + 1 x Ø 9 - 11mm
P	To suit power 4 x Ø 10 - 12mm + 1 x Ø 9 - 11mm
Q	To suit power 4 x Ø 12 - 14mm + 1 x Ø 9 - 11mm
R	To suit power 4 x Ø 14 - 16mm + 1 x Ø 9 - 11mm
S	To suit power 4 x Ø 16 - 18mm + 1 x Ø 9 - 11mm

0	No sensor
1	PT100
2	PTC120
3	PTC100

1	Standard
2	90% insertion



LPA Connection Systems
 enquiries@lpa-connect.com
 +44 (0) 1799 512800
 www.lpa-group.com

Light & Power House
 Shire Hill
 Saffron Walden
 CB11 3AQ, UK