

PRODUCT DATASHEET

AGL Primary Connector Kits KDL1 & KDL10



FAA AC 150/5345-26, L-823, Styles 3 & 10, Class B

KDL1 for screened cable



KDL10 for unscreened cable



KDL1 & KDL10 are the most robust and fastest-to-install connectors in the market, designed for a fast-and-easy watertight connection between the primary cable and the series isolating transformer.

- KDL is fitted with unique cable gland, which tolerates bending well and one connector fits to a wide range of cable diameters.
- Highest insulation resistance is provided by three insulation barriers. Screen continuity without crimping minimizes risk for leakages.
- KDL connectors are Intertek certified to FAA AC.

Electrical characteristics

- Superior insulation resistance by thermoplastic elastomer (TPE)
- Nominal rating: 25 A and 5000 V
- Cable diameter 7.0–17.0 mm (0.275–0.669 inches)
- Conductor size 6–10 mm² (8–6 AWG)
- ROHS compliance with EU directive NO2002/95/EC
- Available for both screened (shielded) and unscreened (unshielded) cables.

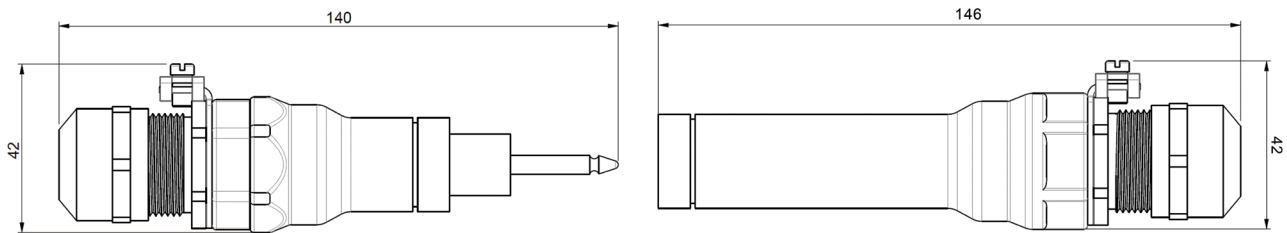


Technical data

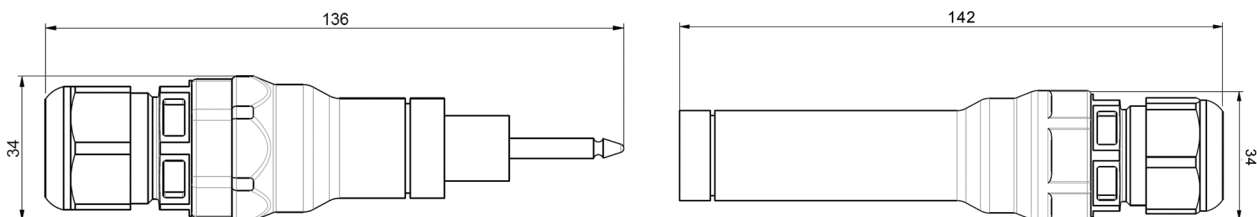
EFLA Type	Conductor Size [mm ²]	AWG	Cable Diameter [mm/inch]	Diameter at Wire Insulation [mm/inch]	Diameter & Length of Assembly [mm/inch]
KDL1	6	8	9.0–17.0 mm 0.354–0.669"	7.5–13.0 mm 0.295–0.512"	42 mm, 276 mm 1.654", 10.886"
KDL1.6	10	6	9.0–17.0 mm 0.354–0.669"	7.5–13.0 mm 0.295–0.512"	42 mm, 276 mm 1.654", 10.886"
KDL10	6	8	7.0–17.0 mm 0.276–0.669"	7.0–13.0 mm 0.276–0.512"	34 mm, 268 mm 1.339", 10.551"
KDL10.6	10	6	9.0–17.0 mm 0.354–0.669"	7.0–13.0 mm 0.276–0.512"	34 mm, 268 mm 1.339", 10.551"

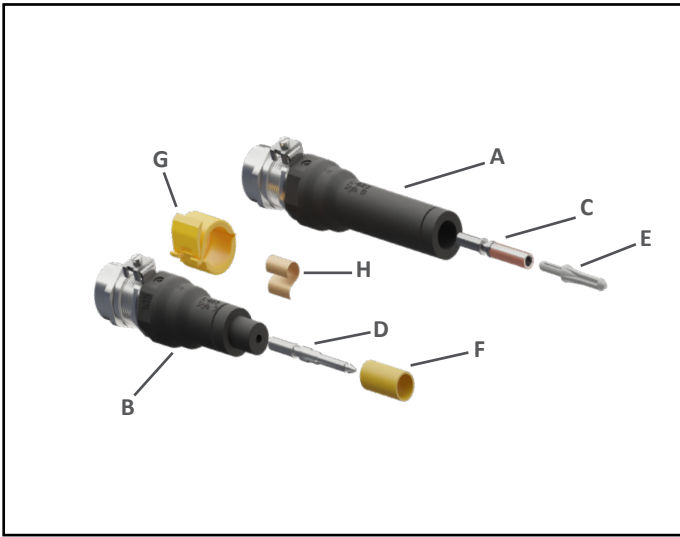
Outline dimensions

KDL1

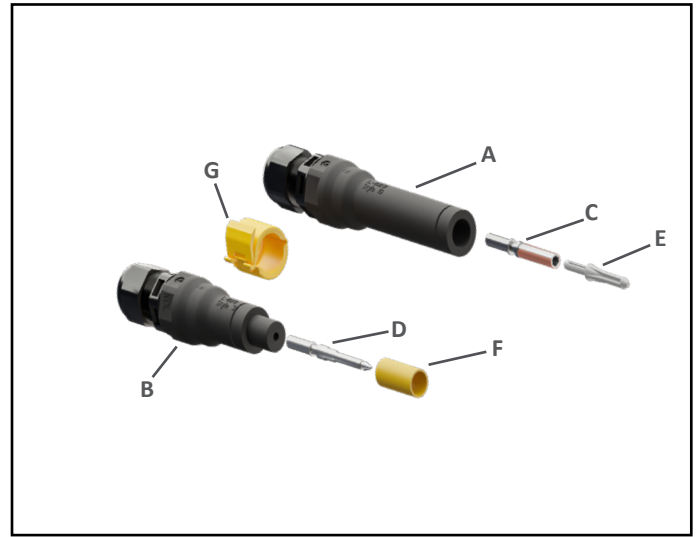


KDL10





KDL1



KDL10

Contents:

- A. Receptacle housing
- B. Plug housing
- C. Socket
- D. Pin
- E. Guiding tool

- F. Measuring tool
- G. EFLA Lock (x2)
- H. Copper tape (x2)

Not illustrated: Installation instructions, paper towel.

Suggested crimping tools

	Manual Crimping Tools	Electric Crimping Tools
Primary connectors	Elpress GWB 4099C KLAUKE K05/6 KLAUKE K24 KLAUKE K18	Elpress PVL 130S - WB4099



Note:

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