



LEHMANN AVIATION

uses Fischer Connectors for ultimate reliability



L-A SERIES 2016

Efficient professional drones for mapping, mining & precision agriculture

The L-A Series 2016 is rugged and simple to use. Totally modular by design, with interchangeable Autopilot, Wing and Camera holder, it provides the best R.O.I. of any mapping solution to match particular surveying needs.

For easy and accurate Orthomosaics, 3D models, Vegetation Analysis and Volume Measurements.

GENERAL FEATURES

- Survey quality accuracy up to 1cm
- New RTK version for high precision mapping
- Up to 24MP resolution camera
- Fully automated data acquisition
- Easy data processing
- Ultra-rugged for intensive use
- Modular design to protect your investment
- Detachable winglets for easy transportation
- Manual launch, fully autonomous
- Competitive upgrade program
- 1 year full warranty

MAIN TECHNICAL SPECIFICATIONS

- Wingspan 116cm / 45.7inch
- Weight Up to 1500grams / 52.90 oz with payload
- Range Up to 25km / 15.5 miles
- Endurance Up to 45minutes (with high capacity battery)

OPERATIONAL PERFORMANCES

- Wind resistance 25 KT (45km/h)
- Operating temp From -25°C to +60°C
- Operating alt From -13°F to 140°F
- Operating altitude 0-3,500m ASL



FISCHER ULTIMATE™ SERIES

RUGGED | COMPACT | LIGHTWEIGHT

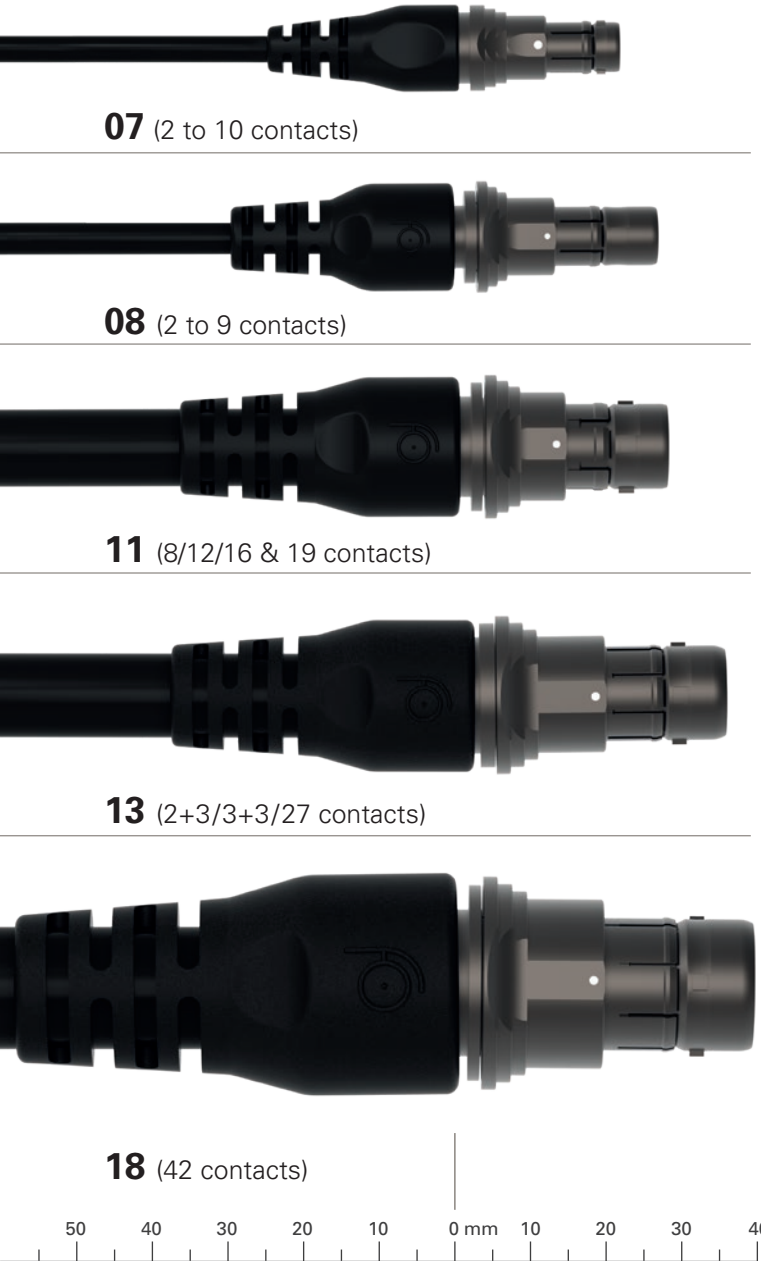
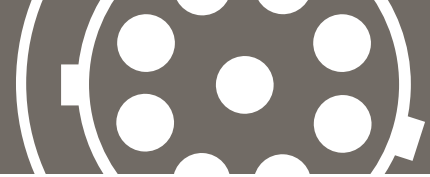


The drone's onboard computer features Fischer UltiMate™ Series connectors.



AVAILABLE SIZES 1:1*

BODY STYLES



07 (2 to 10 contacts)

08 (2 to 9 contacts)

11 (8/12/16 & 19 contacts)

13 (2+3/3+3/27 contacts)

18 (42 contacts)



*Actual size 1:1 when printed at full size on A4 paper.

PLUGS**

CABLE MOUNTED



| BODY STYLES | UP01-L | UP01-Q |
|----------------|-------------------|-------------------|
| Locking system | Push-pull | Quick-release |
| Sealing | IP68/IP69 | IP68/IP69 |
| Design | Short/Overmolding | Short/Overmolding |

PANEL FRONT MOUNTED



| BODY STYLES | UP50 |
|----------------|------------------|
| Locking system | Non-locking |
| Sealing | IP68/IP69 |
| Design | Front-projecting |

RECEPTACLES**

CABLE MOUNTED



| BODY STYLES | UR50 |
|-------------|-----------|
| Sealing | IP68/IP69 |
| Design | Standard |

PANEL FRONT MOUNTED



| BODY STYLES | UR03 |
|-------------|----------------------|
| Sealing | IP68/IP69 Hermetic |
| Design | Front-projecting |

PANEL REAR MOUNTED



| BODY STYLES | UR01 | UR02 |
|-------------|----------------------|----------------------|
| Sealing | IP68/IP69 Hermetic | IP68/IP69 Hermetic |
| Design | Front-projecting | Rear-projecting |

** Available in brass and aluminum.
Available in anthracite and chrome grey finish.

SOFT CAPS

- Sealing caps protect unmated connectors in the field
- Perfectly suit applications where a lightweight, noiseless option is preferred



BEND RELIEF & CABLE ASSEMBLY

- Bend relief for easy self-assembly, no tool required
- Cable assembly with straight or angled overmolding
- 120m submersible solution available on request



For more information visit
fischerconnectors.com/ultimate