

PLUG AND PLAY WIRING HARNESS FOR



L4

Lambda Control Unit

For any details or further information, please contact us.

MecTronik S.r.l. - Via dell'artigianato, 5 - 37053 - Cerea (VR)

Tel./Fax : +39-(0)442-329200 (lines r.a.)

All values refer to standard conditions (20°C, 100 kPa).

Product version: 0100

<http://www.mectronik.com>

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APPLICATIONS

The **CBL0023** wiring harness is a dedicated accessory for the Lambda controller, providing customers with a plug-and-play solution for the simple and secure connection of **LSU 4.9™** sensors and the **MKL4** to the vehicle. Built according to automotive industry quality standards, it combines versatility and cost-effectiveness for a reliable wiring solution. Currently, the product is equipped with connectors for direct connection to LSU 4.9 sensors, which include their own compensation resistor. The vehicle connection features two connectors: one for the power supply of the sensors and another for interfacing with the vehicle and/or ECU via the CAN bus

HIGHLIGHT

- Built with certified automotive quality standards.
- Plug And play on MKL4
- PVC sheath and cables for temperatures up to 105°C
- Labels with functions for each branch of the wiring harness

PINOUT
POWER CONNECTOR - AMP 282104 - 1

| PIN | FUNCTION | NOTE |
|-----|------------|--|
| 1 | GND | USED FOR MKL2 POWER GROUND – UP TO 16 A |
| 2 | POWER LINE | USED FOR LAMBDA HEATER – REQUIRED A 15A FUSE |

VEHICLE CONNECTOR - JST 04T -JWPF-VSLE -S

| PIN | FUNCTION | NOTE |
|-----|-------------------|--|
| 1 | NC | USED FOR MKL2 POWER GROUND – UP TO 8 A |
| 2 | CAN L | USED FOR LAMBDA HEATER – REQUIRED A 15A FUSE |
| 3 | CAN H | |
| 4 | MKL4 POWER SUPPLY | MKL2 POWERING – CONNECT TO KEY SWITCHED LINE |

LAMBDA CONNECTORS - BOSCH LSU™

| PIN | FUNCTION | NOTE |
|-----|----------|-----------------------------------|
| 1 | IP | |
| 2 | VM | |
| 3 | HTR - | CONNECTED TO JST 36 WAY CONNECTOR |
| 4 | HTR + | CONNECTED TO POWER CONNECTOR |
| 5 | IA | |
| 6 | UN | |

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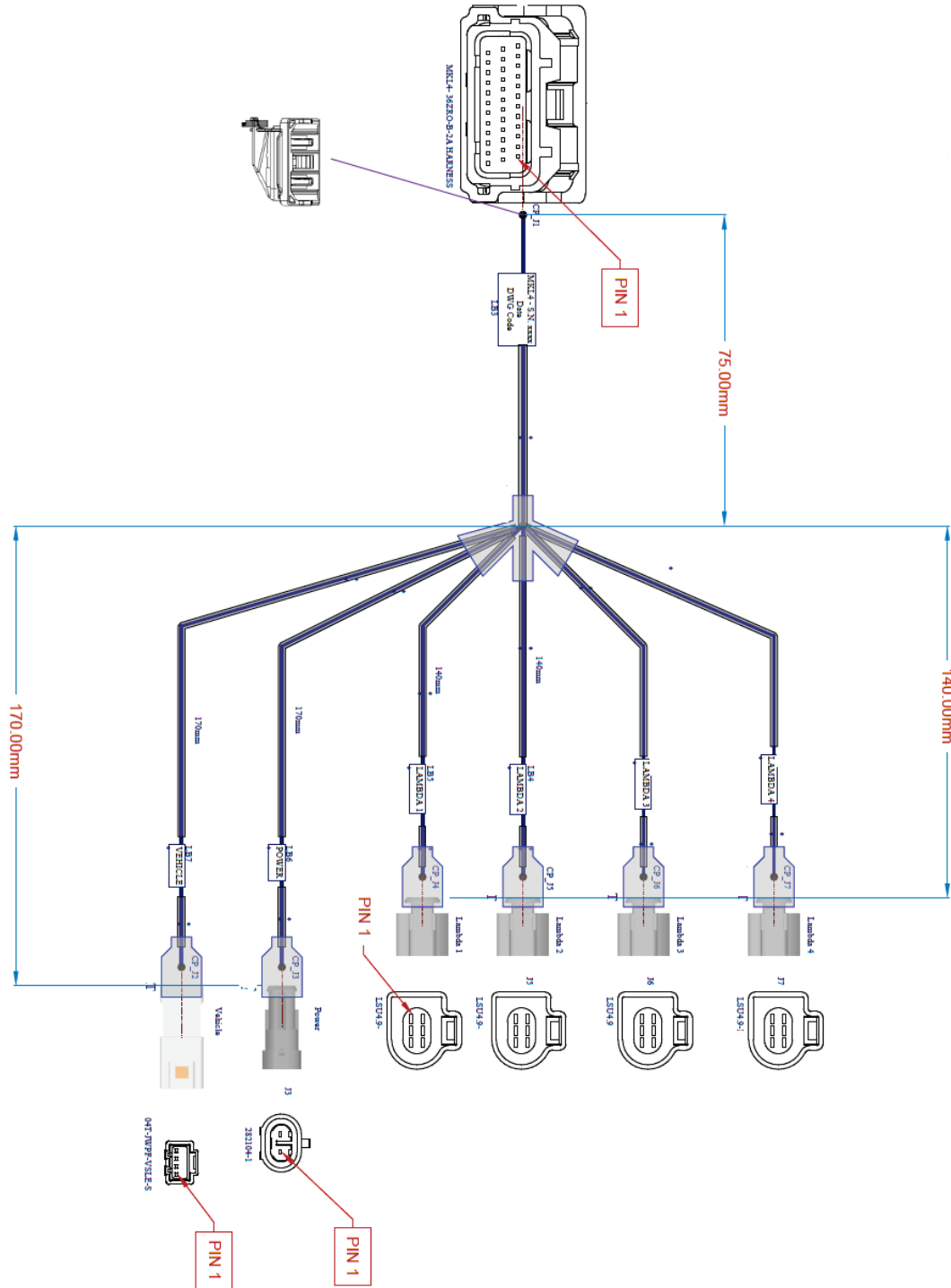
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DIMENSIONS



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