

# Product datasheet

Specifications



collaborative robot, Lexium Cobot,  
maximum payload 3kg

LXMRL03S0000

## Main

|                           |                             |
|---------------------------|-----------------------------|
| Range of product          | Lexium Cobot                |
| Product or component type | Collaborative robot         |
| maximum payload           | 3 kg                        |
| operating radius          | 626 mm                      |
| positioning accuracy      | +/- 0.02 mm                 |
| degree of freedom         | 6                           |
| programming               | Graphical drag & drop       |
| teach-in device           | Ipad ios app<br>Android app |

## Complementary

|                        |   |
|------------------------|---|
| maximum speed          | 180°/s joint 1 +/- 360°<br>180°/s joint 2 -85, +265°<br>180°/s joint 3 +/- 175°<br>220°/s joint 4 -85, +265°<br>220°/s joint 5 +/- 360°<br>220°/s joint 6 +/- 360°  |
| Rated voltage          | 24 V  |
| digital input number   | 2   |
| digital output number  | 2   |
| Analogue input number  | 2   |
| Power consumption in W | 150 W   |
| Mounting position      | Any position  |
| Screw type             | M8  |
| Standards              | GB 11291.1:2011<br>EN/ISO 10218-1:2011<br>EN 60204-1:2018<br>EN/ISO 12100:2010<br>EN/ISO 13849-1:2015<br>EN 61000-6-2:2005<br>EN 61000-6-4:2007+A1:2011<br>ISO 13849-1:2015<br>ISO 13849-2:2012<br>ISO 14644-1<br>ISO 9001:2015<br>UL 1740<br>ANSI/RIA R15.06<br>CAN/CSA Z434<br>NFPA 79<br>CAN/CSA C22.2 No. 24<br>REACH<br>RoHS |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                      |                 |
|----------------------|-----------------|
| <b>Marking</b>       | CE<br>KC<br>TÜV |
| <b>Material</b>      | Aluminium       |
| <b>base diameter</b> | 129 mm          |
| <b>Cable length</b>  | 6 m             |
| <b>Net weight</b>    | 12 kg           |

## Environmental

|  |           |
|--|-----------|
| <b>IP degree of protection</b>               | IP54      |
| <b>Ambient air temperature for operation</b> | 0...50 °C |

## Packing Units

|                                     |         |
|-------------------------------------|---------|
| <b>Unit Type of Package 1</b>       | PCE     |
| <b>Number of Units in Package 1</b> | 1       |
| <b>Package 1 Height</b>             | 37 cm   |
| <b>Package 1 Width</b>              | 42 cm   |
| <b>Package 1 Length</b>             | 49 cm   |
| <b>Package 1 Weight</b>             | 14.6 kg |
| <b>Unit Type of Package 2</b>       | P06     |
| <b>Number of Units in Package 2</b> | 2       |
| <b>Package 2 Height</b>             | 75 cm   |
| <b>Package 2 Width</b>              | 60 cm   |
| <b>Package 2 Length</b>             | 80 cm   |
| <b>Package 2 Weight</b>             | 37.7 kg |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) 4068

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

China RoHS Regulation [China RoHS declaration](#)

### Use Again

#### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No