

# Product data sheet

Specifications



collaborative robot, Lexium Cobot,  
maximum payload 12kg

LXMRL12S0000

## Main

Range of product	Lexium Cobot
Product or component type	Collaborative robot
maximum payload	26.5 lb(US) (12 kg)
operating radius	52.2 in (1327 mm)
positioning accuracy	+/- 0.02 mm
degree of freedom	6
programming	Graphical drag & drop
teach-in device	Ipad ios app Android app

## Complementary

maximum speed	120°/s joint 1 +/- 360° 120°/s joint 2 -85, +265° 120°/s joint 3 +/- 175° 180°/s joint 4 -85, +265° 180°/s joint 5 +/- 360° 180°/s joint 6 +/- 360°
rated voltage	24 V
Digital input number	2
Digital output number	2
Analogue input number	1
maximum power consumption in W	500 W
Mounting position	Any position
Screw type	M8
Standards	GB 11291.1:2011 EN/ISO 10218-1:2011 EN 60204-1:2018 EN/ISO 12100:2010 EN/ISO 13849-1:2015 EN 61000-6-2:2005 EN 61000-6-4:2007+A1:2011 ISO 13849-1:2015 ISO 13849-2:2012 ISO 14644-1 ISO 9001:2015 UL 1740 ANSI/RIA R15.06 CAN/CSA Z434 NFPA 79 CAN/CSA C22.2 No. 24 REACH 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 KC TÜV
<b>Material</b>	Aluminium
<b>base diameter</b>	7.4 in (188 mm)
<b>Cable length</b>	19.7 ft (6 m)
<b>Net weight</b>	90.4 lb(US) (41 kg)

## Environmental

<b>IP degree of protection</b>	IP54
<b>Ambient air temperature for operation</b>	32...122 °F (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>	21.063 in (53.500 cm)
<b>Package 1 Width</b>	23.031 in (58.500 cm)
<b>Package 1 Length</b>	35.827 in (91.000 cm)
<b>Package 1 Weight</b>	106.263 lb(US) (48.200 kg)

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Mercury Free

✓ Rohs Exemption Information Yes

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)