

Product data sheet

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 Android app

Complementary

maximum speed	180°/s joint 1 +/- 360° 180°/s joint 2 -85, +265° 180°/s joint 3 +/- 175° 220°/s joint 4 -85, +265° 220°/s joint 5 +/- 360° 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 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

Marking	CE KC TÜV
Material	Aluminium
base diameter	129 mm
Cable length	6 m
Product weight	12 kg

Environmental

IP degree of protection	IP54
Ambient air temperature for operation	0...50 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.500 cm
Package 1 Width	42.000 cm
Package 1 Length	50.000 cm
Package 1 Weight	14.341 kg
Unit Type of Package 2	P06
Number of Units in Package 2	2
Package 2 Height	105.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	38.682 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	
Total lifecycle Carbon footprint	4068
Environmental Disclosure	Product Environmental Profile

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration

Use Again

 Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative





