

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	6.6 lb(US) (3 kg)
operating radius	24.6 in (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	1
maximum 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	5.08 in (129 mm)
Cable length	19.7 ft (6 m)
Net weight	26.5 lb(US) (12 kg)

Environmental

IP degree of protection	IP54
Ambient air temperature for operation	32...122 °F (0...50 °C)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.6 in (37 cm)
Package 1 Width	16.5 in (42 cm)
Package 1 Length	19.3 in (49 cm)
Package 1 Weight	32.2 lb(US) (14.6 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	2
Package 2 Height	29.5 in (75 cm)
Package 2 Width	23.6 in (60 cm)
Package 2 Length	31.5 in (80 cm)
Package 2 Weight	83.1 lb(US) (37.7 kg)

Sustainability

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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](#)