

Product data sheet

Specifications



collaborative robot, Lexium Cobot,
maximum payload 7kg

LXMRL07S0000

Main

Range of product	Lexium Cobot
Product or component type	Collaborative robot
maximum payload	15.4 lb(US) (7 kg)
operating radius	32.2 in (819 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° 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	350 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	6.2 in (158 mm)
Cable length	19.7 ft (6 m)
Net weight	48.5 lb(US) (22 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	16.339 in (41.500 cm)
Package 1 Width	17.913 in (45.500 cm)
Package 1 Length	24.016 in (61.000 cm)
Package 1 Weight	55.274 lb(US) (25.072 kg)
Unit Type of Package 2	P12
Number of Units in Package 2	4
Package 2 Height	41.339 in (105.000 cm)
Package 2 Width	31.496 in (80.000 cm)
Package 2 Length	47.244 in (120.000 cm)
Package 2 Weight	250.225 lb(US) (113.500 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](#)