Product data sheet

Specifications

Green Premium™

collaborative robot, Lexium Cobot, maximum payload 5kg

LXMRL05S0000

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Lexium Cobot
Product or Component Type	Collaborative robot
maximum payload	11.02 lb(US) (5 kg)
operating radius	37.6 in (954 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

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marking	CE KC TÜV
Material	Aluminium
base diameter	6.2 in (158 mm)
Cable length	19.7 ft (6 m)
Net Weight	50.7 lb(US) (23 kg)

Environmental

IP Degree of Protection	IP54
Ambient Air Temperature for Operation	32.0000000000…122.0000000000 °F (0…50 °C)

Ordering and shipping details

Category	US1PC5418307
Discount Schedule	PC54
GTIN	3606485859484
Returnability	Yes
Country of origin	CN

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	17.520 in (44.500 cm)
Package 1 Length	25.591 in (65.000 cm)
Package 1 Weight	56.169 lb(US) (25.478 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	253.532 lb(US) (115.000 kg)

Sustainability

Green Premium^{TM} 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_2 products.

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

Learn more about Green Premium 〉

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

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