Product data sheet

Specifications



collaborative robot, Lexium Cobot, maximum payload 12kg

LXMRL12S0000

Product availability: Stock - Normally stocked in distribution facility

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	2
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

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	7.4 in (188 mm)
Cable length	19.7 ft (6 m)
Product Weight	90.4 lb(US) (41 kg)

Environmental

IP Degree of Protection	IP54
Ambient Air Temperature for Operation	32…122 °F (0…50 °C)

Ordering and shipping details

Category	US1PC5418307
Discount Schedule	PC54
GTIN	3606485859507
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	27.953 in (71.000 cm)
Package 1 Width	31.496 in (80.000 cm)
Package 1 Length	47.244 in (120.000 cm)
Package weight(Lbs)	130.073 lb(US) (59.000 kg)

Contractual warranty

Warranty (in months)	18

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

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative











