

Product data sheet

Specifications



STS80 - Wall - Ball screw 400 - Bellow 400 - User I/O cable

LXMSTS80W500000

! Discontinued on: Sep 15, 2023

! End-of-service on: Dec 31, 2024

! Discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	PacDrive 3
Product or Component Type	SCARA robot
Device short name	STS80

Complementary

Number of axis	4
Operating position	Rotational 360°
Operating travel	0...15.7 in (0...400 mm) vertical 0...63.0 in (0...1600 mm) horizontal
Repeat accuracy	+/- 0.01 mm
Permanent permissible load	17.6 lb(US) (8 kg)
Nominal speed	1600 mm/s axis 3 8.11 m/s axis 1 8.11 m/s axis 2
Maximum actuation speed	2220 mm/s axis 3 34.84 ft/s (10.62 m/s) axis 1 34.84 ft/s (10.62 m/s) axis 2
Angular speed	1200°/s nominal axis 4 1929°/s maximum axis 4 490°/s maximum axis 1 500°/s nominal axis 2 350°/s nominal axis 1 585°/s maximum axis 2
Net Weight	121.03 lb(US) (54.9 kg)
Range Compatibility	Lexium 62 motor

Environment

Environmental characteristic	Normal environment
------------------------------	--------------------

Ordering and shipping details

Category	US1PC5218357
Discount Schedule	PC52
GTIN	3606489594350
Returnability	No

Packing Units

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

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	43.3 in (110.0 cm)
Package 1 Width	28.0 in (71.0 cm)
Package 1 Length	31.5 in (80.0 cm)
Package weight(Lbs)	156.5 lb(US) (71.0 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 >](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Take-back

No