











## **Hardwire Torque Wrench** – QSPCALS





- Slip-Type Torque Wrench with limit switch and curly cable.
- Torque presetting using an adjusting key and tester.
- ► Spiral cable stretchable up to 2 m.
- Limit switch specification: AC30V below 1A, DC30V below 1A.
- Conforms EN ISO 6789.

## Options / Accs / Spares

- □ Count checker CNA-4mk3
- □ Adjusting key
- □ Coiled cable with switch
- □ Connecting plug/socket

## **Preset Slipper Torque Wrench with Ratchet Head**

A torque wrench that prevents 3 problems: under-tightening, overtightening, and other human tightening errors.

QSPCAMS and QSPCALS are rotary slip-type torque wrenches with wired limit switches. When the set torque is reached, rotary slip occurs with simultaneous output of a contact signal from the limit switch.

Signals from the limit switch are captured on a programmable logic controller (PLC) or similar device to establish a Tightening Assurance System using assembly line interlock controls.

QSPCAMS and QSPCALS have a highly durable curly cord. The limit switch can be connected to a CNA-4mk3 count checker (sold separately) to easily create a tightening count management system.

The QSPCAMS / QSPCALS / QSPCAFHP / QSPCAFHLSM conform to the IEC 61340-5-1:2007 Standard (protection of electronic devices from electrostatic phenomena).

The set torque can only be changed with a special tool (available separately) so that the operator cannot change the torque inadvertently.

The QSPCAMS/QSPCALS series are compliant with ISO 6789:2017 starting January 2022.



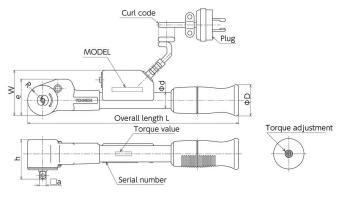
Optional: Count checker CNA-4mk3.



Optional: Connector socket/plug.



Ontional: Torque adjustment key.



\*Curl cord is approx. 2m as standard.

QSPCALS										
Model	Item No.		Dimensions (mm)				Weight	SqD		
		N·m	lbf·in				øD		inch	
QSPCAMS6N	T212600-LS	2 - 6	20 - 50	34	37	197	29	0,33	1/4	Resin
QSPCAMS12N	T212601-LS	4 - 12	40 - 100	34	37	197	29	0,33	1/4	Resin
QSPCALS30N	T212602-LS	10 - 30	90 - 270	40,5	48	267	34	0,64	3/8	Resin
QSPCALS70N	T212603-LS	20 - 70	180 - 620	49	58	346	-	1,24	3/8	MH



\* Table showing specifications by manufacturer. Usage in moderate performance range (approx. 1/3 to 4/5 of rated capacity) is recommended. If you regularly worked close to the limit of load (maximum capacity), a larger model or tool might be more advisable.

