

## Torque wrench with ratchet "Standard Manoskop", maximum torque: 800 Nm



## **Order data**

Order number	657220 800
GTIN	4018754031979
Item class	63A

## **Description**

#### **Version:**

Sturdy compact, torque wrench, adjustable to scale (N·m and lbf·ft) and self-triggering. The accuracy is sustained for many thousands of operations, because high quality material is used for all wearing parts with stressed parts loaded only briefly on each occasion. It returns immediately to an off-position after the torque has been achieved. Body and handle are of sturdy square section.

Units of measure: N·m, lbf·ft. With push-through square for right-hand and left-hand tightening.

#### **Function:**

If the set value is reached while using the wrench, the wrench triggers giving a "signal" (acoustic and perceptible) and is then immediately ready for use again.

### **Application:**

The quick setting features makes it ideal for repairs and small series production.

#### Standard:

Geprüft nach DIN EN ISO 6789.

#### Note:

The guaranteed measuring accuracy of the torque is achieved only once the torque range has been calibrated to DIN EN ISO 6789.

Direction of tightening: For right and left-hand tightening

Torque measuring accuracy: ±4 %

Test certificate: Manufacturer's test certificate

Calibration: 01

Overall length L: 1051 mm Torque range: 160 - 800 Nm Torque range: 120 - 600 lbfft

Scale graduation, 1 graduation =: 20 Nm

Weight: 6380 g Square drive: 3/4 inch

# **Technical description**

Head height h Display analogue Square drive Square drive 3/4 inch Torque measuring accuracy Direction of tightening Head width b Torque range Torque Torque range Torque Torque range Torque Torque range Torque T	maximum torque	800 Nm
Display Square drive Square drive Square drive Torque measuring accuracy Direction of tightening Head width b Scale graduation, 1 graduation = Torque range Torque range Torque range Torque range Torque range Push-through square drive (ratchet) Overall length L Adjustable trigger value Standard DIN EN ISO 6789 Reversible reading Measurement process Lever length including factory calibration reference dimension [I <sub>3</sub> ] Trigger principle Setting the trigger value With adjustment scale Calibration O1 Test certificate Data can be recorded Measurement technology Release signalling Release signalling A/4 when the for it is a shadow in the signal and short-travel release Manufacturer's test certificate No Mechanical A/4 when A/4 inch A/6 in	Weight	6380 g
Square drive Torque measuring accuracy Direction of tightening Head width b Scale graduation, 1 graduation = Torque range Torque range Torque range Torque range Torque range Torque range Push-through square drive (ratchet) Overall length L Adjustable trigger value Standard DIN EN ISO 6789 Reversible reading Measurement process Lever length including factory calibration reference dimension [l <sub>±</sub> ] Trigger principle Setting the trigger value Calibration Test certificate Data can be recorded Measurement technology Release signalling Release signalling A/4 inch 4/4 % For right and heth-hand tightening For right and left-hand tightening For men and For right and left-hand tightening For right and left-hand lightening For right and left-hand lighte	Head height h	42 mm
Torque measuring accuracy  Direction of tightening  Head width b  Scale graduation, 1 graduation =  Torque range  Torque range  Torque range  Torque range  Torque range  Torque range  Push-through square drive (ratchet)  Overall length L  Adjustable trigger value  Standard  DIN EN ISO 6789  Reversible reading  Measurement process  Lever length including factory calibration reference dimension [l.]  Trigger principle  Setting the trigger value  Setting the trigger value  Calibration  Ol  Test certificate  Data can be recorded  Measurement technology  Release signalling  At 98  For right and left-hand tightening  For mehal short  Torque range  120 Nm  1051 mm  Adjustable  Shandard  DIN EN ISO 6789  Nm  Torque  Pass mm  Triggering  Measurement process  Torque  With adjustment scale  Ol  Manufacturer's test certificate  Data can be recorded  Measurement technology  Measurement technology  Measurement technology  Release signalling  Ausustisk	Display	analogue
Direction of tightening  Head width b  76 mm  Scale graduation, 1 graduation =  70 Nm  Torque range  160 - 800 Nm  Torque range  120 - 600 lbfft  Connection format  Push-through square drive (ratchet)  Overall length L  Adjustable trigger value  Standard  DIN EN ISO 6789  Reversible reading  Measurement process  Lever length including factory calibration reference dimension [l <sub>s</sub> ]  Trigger principle  Setting the trigger value  Calibration  O1  Test certificate  Data can be recorded  Measurement technology  Relative for right and left-hand tightening  For right and left-hand tightening  For mends  76 mm  76 mm  78 mends of Nm  Push-through square drive (ratchet)  DIN EN ISO 6789  Nm  Triggering  Measurement process  Torque  938 mm  mechanical short-travel release  with adjustment scale  O1  Test certificate  Data can be recorded  Manufacturer's test certificate  Data can be recorded  Measurement technology  Measurement technology  Release signalling	Square drive	3/4 inch
Head width b 76 mm  Scale graduation, 1 graduation = 20 Nm  Torque range 160 - 800 Nm  Torque range 120 - 600 lbfft  Connection format Push-through square drive (ratchet)  Overall length L 1051 mm  Adjustable trigger value adjustable  Standard DIN EN ISO 6789  Reversible reading Nm  Feedback triggering  Measurement process Torque  Lever length including factory calibration reference dimension [l <sub>3</sub> ]  Trigger principle mechanical short-travel release  Setting the trigger value with adjustment scale  Calibration O1  Test certificate Manufacturer's test certificate  Data can be recorded no  Measurement technology mechanical  Release signalling akustisk	Torque measuring accuracy	±4 %
Scale graduation, 1 graduation = 20 Nm Torque range 160 - 800 Nm Torque range 120 - 600 lbfft Connection format Push-through square drive (ratchet) Overall length L 1051 mm Adjustable trigger value adjustable Standard DIN EN ISO 6789 Reversible reading Nm Feedback triggering Measurement process Torque Lever length including factory calibration reference dimension [l <sub>3</sub> ] Trigger principle mechanical short-travel release Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling akustisk	Direction of tightening	For right and left-hand tightening
Torque range 160 - 800 Nm Torque range 120 - 600 lbfft  Connection format Push-through square drive (ratchet) Overall length L 1051 mm Adjustable trigger value adjustable Standard DIN EN ISO 6789 Reversible reading Nm Feedback triggering Measurement process Torque Lever length including factory calibration reference dimension [I <sub>3</sub> ] Trigger principle mechanical short-travel release Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling akustisk	Head width b	76 mm
Torque range 120 - 600 lbfft Connection format Push-through square drive (ratchet) Overall length L 1051 mm Adjustable trigger value adjustable Standard DIN EN ISO 6789 Reversible reading Nm Feedback triggering Measurement process Torque Lever length including factory calibration reference dimension [I <sub>3</sub> ] Trigger principle mechanical short-travel release Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling adjustment scale akustisk	Scale graduation, 1 graduation =	20 Nm
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Standard DIN EN ISO 6789  Reversible reading Nm  Feedback triggering  Measurement process Torque  Lever length including factory calibration reference dimension [l <sub>3</sub> ]  Trigger principle mechanical short-travel release  Setting the trigger value with adjustment scale  Calibration O1  Test certificate Manufacturer's test certificate  Data can be recorded no  Measurement technology mechanical  Release signalling akustisk	Overall length L	1051 mm
Reversible reading  Feedback  Measurement process  Lever length including factory calibration reference dimension [I₃]  Trigger principle  Setting the trigger value  Calibration  O1  Test certificate  Data can be recorded  Measurement technology  Release signalling  Nm  triggering  Nm  triggering  Manufactory  938 mm  mechanical short-travel release  with adjustment scale  O1  Manufacturer's test certificate  no  Measurement technology  mechanical  akustisk	Adjustable trigger value	adjustable
Feedback triggering  Measurement process Torque  Lever length including factory calibration reference dimension [I <sub>3</sub> ]  Trigger principle mechanical short-travel release  Setting the trigger value with adjustment scale  Calibration O1  Test certificate Manufacturer's test certificate  Data can be recorded no  Measurement technology mechanical  Release signalling akustisk	Standard	DIN EN ISO 6789
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Lever length including factory calibration reference dimension [l₃]       938 mm         Trigger principle       mechanical short-travel release         Setting the trigger value       with adjustment scale         Calibration       O1         Test certificate       Manufacturer's test certificate         Data can be recorded       no         Measurement technology       mechanical         Release signalling       akustisk	Feedback	triggering
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Calibration O1  Test certificate Manufacturer's test certificate  Data can be recorded no  Measurement technology mechanical  Release signalling akustisk	Trigger principle	mechanical short-travel release
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Release signalling akustisk	Data can be recorded	no
3 3	Measurement technology	mechanical
Release signalling haptisk	Release signalling	akustisk
	Release signalling	haptisk



Series	MANOSKOP® 721Nf
Type of product	Torque Wrench
Services	
Labelling laser-etched Type	018940
Calibration Torque wrench maximum torque 1000 Nm	018820 1000
DAkkS calibration Torque wrench maximum torque 1000 Nm	018830 1000