



## Transducers laboratory

**7728-80**

Product no. **96524080**  
GTIN **4018754239429**  
Model **7728-80**



### Label.

Laboratory transducer 80N·m-800N·m Internal square drive 3/4" Dia. 156mm

### Properties.

- for laboratory use
- not affected by transverse forces due to its particularly low-profile design
- with optimised measurement ranges
- for calibration of torque wrenches and torque screwdrivers
- to be used with the perfectControl® calibration systems No. 7794 or the calibration system No. 7706
- processing and digitisation occurs directly in the transducer, ensuring a high level of accuracy
- with a high-quality precision connection plug with locking function
- accredited calibration
- patented
- delivered in a sturdy plastic box
- **max. accuracy  $\pm 0.5\%$  of the measured value**



## Technologies and features.



### QuickRelease

The QuickRelease safety lock prevents unintentional loss of insert tools. These click securely into place, and are only released again at the push of a button for a quick tool change.



### DKD-R 10-8 / DIN 51309

Our transducers for torque wrenches and torque testers are professionally calibrated in our DAKKS-accredited calibration laboratory. Depending on requirements, this is done either with a calibration certificate within the scope of our accreditation (according to DKD-R 10 8 or DIN 51309) or with a factory calibration certificate based on these guidelines.

## Technical attributes.

|                                              |                     |
|----------------------------------------------|---------------------|
| Internal square [inch]                       | 3/4 "               |
| Accuracy +- 0.5% of the measured value N·m   | 80-800              |
| Accuracy +- 0.25% of the measured value N·m  | 160-800             |
| Accuracy +- 0.5% of measured value in-lb     | 708-7081            |
| Accuracy +- 0.5% of the measured value ft-lb | 59-590              |
| Area of application                          | Drehmomentschlüssel |
| d                                            | 156 mm              |
| Weight with box                              | 5507 g              |
| Size                                         | 80                  |
| MA N·m                                       | 80 N·m              |
| Nominal value N·m                            | 800 N·m             |

## Logistics data.

|                                     |                         |
|-------------------------------------|-------------------------|
| Depth mm (IFS)                      | 295                     |
| Width mm (IFS)                      | 250                     |
| Height mm (IFS)                     | 105                     |
| WEEE/ElektroG                       | Kleingeräte B2C         |
| Length (packaged, mm)               | 295                     |
| Width (packaged, mm)                | 250                     |
| Height (packaging, mm)              | 105                     |
| Volume (packaged, dm <sup>3</sup> ) | 7.74375 dm <sup>3</sup> |
| Product no.                         | 96524080                |
| Weight (gross, kg)                  | 5,980                   |
| Weight PAP (kg)                     | 0,092                   |
| Weight PVC (kg)                     | 0,000                   |
| GTIN                                | 4018754239429           |
| Country of origin AWR               | GERMANY                 |
| Region of origin                    | Nordrhein-Westfalen     |
| Customs tariff no.                  | 90319000                |
| Packing standard                    | 1                       |
| Weight (g)                          | 4846 g                  |

## Variants.

| Product no. | Model No. (ERP) | Description                                                                       | GTIN          |
|-------------|-----------------|-----------------------------------------------------------------------------------|---------------|
| 96524011    | 7728-1S         | Laboratory transducer 1N·m-10N·m<br>Internal square drive 1/4" Dia.120mm          | 4018754239382 |
| 96524001    | 7728-1          | Laboratory transducer 1N·m-10N·m<br>Internal square drive 1/4" Dia.120mm          | 4018754239337 |
| 96524002    | 7728-2          | Laboratory transducer 2N·m-20N·m<br>Internal square drive 1/4" Dia.120mm          | 4018754239344 |
| 96524004    | 7728-4          | Laboratory transducer 4N·m-40N·m<br>Internal square drive 3/8" Dia.120mm          | 4018754239351 |
| 96524006    | 7728-6          | Laboratory transducer 6N·m-60N·m<br>Internal square drive 3/8" Dia.120mm          | 4018754239368 |
| 96524010    | 7728-10         | Laboratory transducer 10N·m-100N·m<br>Internal square drive 3/8" Dia.120mm        | 4018754239375 |
| 96524020    | 7728-20         | Laboratory transducer 20N·m-200N·m<br>Internal square drive 1/2" Dia.120mm        | 4018754239399 |
| 96524040    | 7728-40         | Laboratory transducer 40N·m-400N·m<br>Internal square drive 3/4" Dia.156mm        | 4018754239405 |
| 96524065    | 7728-65         | Laboratory transducer 65N·m-650N·m<br>Internal square drive 3/4" Dia.156mm        | 4018754239412 |
| 96524080    | 7728-80         | Laboratory transducer 80N·m-800N·m<br>Internal square drive 3/4" Dia.156mm        | 4018754239429 |
| 96524100    | 7728-100        | Laboratory transducer<br>100N·m-1000N·m Internal square<br>drive 3/4" Dia.156mm   | 4018754239436 |
| 96524300    | 7728-300        | Laboratory transducer<br>300N·m-3000N·m Internal square<br>drive 1 1/2" Dia.195mm | 4018754239443 |

## GTIN.



## Accessories (for).



52110054  
Cable for No.7728



96583631  
USB adaptor, jack cable  
and software  
Torkmaster