

# KERN KGP 6K-4

Robust industrial platform scale with digital weighing transmitter, ideal for varied range of applications for Industry 4.0



## Article codes, product groups & Status information

|                       |                          |
|-----------------------|--------------------------|
| Model article-code    | KGP 6K-4                 |
| Model-Serie           | KGP                      |
| Assortment            | KERN                     |
| Product Type          | Industrial scales        |
| Product group         | Digital weighing systems |
| Product usage type    | Main article             |
| EAN code (Model)      | 4045761218062            |
| Planned start date    | 2019-1HJ                 |
| Customs tariff number | 84238129                 |
| Model Status          | Yes                      |
| CE Label              | Yes                      |

## Technical data - Primary

|                                     |                |
|-------------------------------------|----------------|
| Weighing capacity                   | 6 kg           |
| Readability                         | 0,0002 kg      |
| Indicator cable length              | 3 m            |
| Net weight                          | 5,2 kg         |
| Dimension weighing platform (W×D×H) | 230×230×106 mm |

## Technical data - Construction

|                         |                 |
|-------------------------|-----------------|
| Material weighing plate | Stainless steel |
| Bubble Level            | Yes             |
| Revolving screw feet    | Yes             |
| Weighing surface (d)    | 230×230 mm      |

|                                    |                  |
|------------------------------------|------------------|
| Dimensions of weighing plate (W×D) | 230×230 mm       |
| Indicator cable length             | 3 m              |
| Dimensions weighing platform       | 230×230×106 mm   |
| Dimensions display casing (W×D×H)  | 250×160×58 mm    |
| Wall mount                         | Yes              |
| Material casing                    | Plastic          |
| IP protection indicator            | No IP protection |
| IP protection load cell            | IP65             |

## Technical data - Display

|                |       |
|----------------|-------|
| Display height | 52 mm |
|----------------|-------|

## Technical data - Power supply

|                                |                                                                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Battery                        | no battery                                                                                                                             |
| Mains adapter/adapter included | EURO;UK;US                                                                                                                             |
| Input Voltage                  | 100 V - 240 V, 50 / 60 Hz                                                                                                              |
| Interfaces                     | Bluetooth (v4.0) - undef. ob BLE/BTC? (optional, factory);Ethernet (optional, factory);RS-232 serienmäßig;USB;WLAN (optional, factory) |

## Technical data - Measuring system

|                              |                                |
|------------------------------|--------------------------------|
| Calibration method           | Adjusting with external weight |
| Linearity                    | ± 0,0008 kg                    |
| Readability                  | 0,0002 kg                      |
| Recommended adjusting weight | 6 kg (F2)                      |

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|               |           |
|---------------|-----------|
| Repeatability | 0,0002 kg |
|---------------|-----------|

|              |         |
|--------------|---------|
| Warm up time | 120 min |
|--------------|---------|

|                |        |
|----------------|--------|
| Weighing units | G;kg;t |
|----------------|--------|

|                           |   |
|---------------------------|---|
| Number of weighing ranges | 1 |
|---------------------------|---|

|                      |         |
|----------------------|---------|
| load cell connection | 4-guide |
|----------------------|---------|

## Technical data - Environmental conditions

|                  |      |
|------------------|------|
| Maximum humidity | 80 % |
|------------------|------|

|                               |       |
|-------------------------------|-------|
| Maximum operating temperature | 40 °C |
|-------------------------------|-------|

|                             |        |
|-----------------------------|--------|
| Minimum ambient temperature | -10 °C |
|-----------------------------|--------|

|                  |     |
|------------------|-----|
| Minimum humidity | 0 % |
|------------------|-----|

## Technical data - Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Dimensions packaging (W×D×H) | 415×700×240 mm |
|------------------------------|----------------|

|              |      |
|--------------|------|
| Gross weight | 7 kg |
|--------------|------|

|            |      |
|------------|------|
| Net weight | 6 kg |
|------------|------|

|                 |                |
|-----------------|----------------|
| Shipping method | Parcel service |
|-----------------|----------------|

|                                         |       |
|-----------------------------------------|-------|
| Packaging component - by weight - paper | 100 g |
|-----------------------------------------|-------|

|                                             |       |
|---------------------------------------------|-------|
| Packaging component - by weight - cardboard | 800 g |
|---------------------------------------------|-------|

|                                            |       |
|--------------------------------------------|-------|
| Packaging component - by weight - plastics | 800 g |
|--------------------------------------------|-------|

|                                             |     |
|---------------------------------------------|-----|
| Packaging component - by weight - styrofoam | 0 g |
|---------------------------------------------|-----|

|                                         |     |
|-----------------------------------------|-----|
| Packaging component - by weight - glass | 0 g |
|-----------------------------------------|-----|

|                                        |     |
|----------------------------------------|-----|
| Packaging component - by weight - wood | 0 g |
|----------------------------------------|-----|

|                                        |     |
|----------------------------------------|-----|
| Packaging component - by weight - foam | 0 g |
|----------------------------------------|-----|

|                                         |     |
|-----------------------------------------|-----|
| Packaging component - by weight - metal | 0 g |
|-----------------------------------------|-----|

|               |     |
|---------------|-----|
| Delivery time | 1 d |
|---------------|-----|

## Optional Services

|                   |         |
|-------------------|---------|
| DAkkS Calibration | 963-128 |
|-------------------|---------|

## Functions

|          |
|----------|
| Standard |
|----------|

|        |
|--------|
| Option |
|--------|

|         |
|---------|
| Factory |
|---------|