



More information on the website  
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HX5.EX-1.15.HR2 One Load Cell Platform Scale, HX5.EX-1.30.HR5 One Load Cell Platform Scale, HX5.EX-1.60.HR5 One Load Cell Platform Scale, HX5.EX-1.60.HR3/5 One Load Cell Platform Scale, HX5.EX-1.30.HR3 One Load Cell Platform Scale, HX5.EX-1.60.HR4 One Load Cell Platform Scale, HX5.EX-1.3.HR2 One Load Cell Platform Scale, HX5.EX-1.6.HR2 One Load Cell Platform Scale, HX5.EX-1.6.HR3 One Load Cell Platform Scale, HX5.EX-1.15.HR4 One Load Cell Platform Scale, HX5.EX-1.30.HR4 One Load Cell Platform Scale, HX5.EX-1.15.HR5 One Load Cell Platform Scale, HX5.EX-1.150.HR5 One Load Cell Platform Scale, HX5.EX-1.30.HR2 One Load Cell Platform Scale, HX5.EX-1.30.HR3/5 One Load Cell Platform Scale, HX5.EX-1.150.HR4 One Load Cell Platform Scale, HX5.EX-1.15.HR3/5 One Load Cell Platform Scale, HX5.EX-1.60.HR3 One Load Cell Platform Scale, HX5.EX-1.150.HR3 One Load Cell Platform Scale, HX5.EX-1.15.HR3 One Load Cell Platform Scale, HX5.EX-1.150.HR3/5 One Load Cell Platform Scale



HX5.EX-1.15.HR2 One Load Cell Platform Scale  
HX5.EX-1.3.HR2 One Load Cell Platform Scale  
HX5.EX-1.6.HR2 One Load Cell Platform Scale  
HX5.EX-1.30.HR2 One Load Cell Platform Scale  
HX5.EX-1.30.HR5 One Load Cell Platform Scale  
HX5.EX-1.60.HR5 One Load Cell Platform Scale  
HX5.EX-1.60.HR3/5 One Load Cell Platform Scale  
HX5.EX-1.30.HR3 One Load Cell Platform Scale  
HX5.EX-1.60.HR4 One Load Cell Platform Scale  
HX5.EX-1.6.HR3 One Load Cell Platform Scale  
HX5.EX-1.15.HR4 One Load Cell Platform Scale  
HX5.EX-1.30.HR4 One Load Cell Platform Scale  
HX5.EX-1.15.HR5 One Load Cell Platform Scale  
HX5.EX-1.150.HR5 One Load Cell Platform Scale  
HX5.EX-1.30.HR3/5 One Load Cell Platform Scale  
HX5.EX-1.150.HR4 One Load Cell Platform Scale  
HX5.EX-1.15.HR3/5 One Load Cell Platform Scale  
HX5.EX-1.60.HR3 One Load Cell Platform Scale  
HX5.EX-1.150.HR3 One Load Cell Platform Scale  
HX5.EX-1.15.HR3 One Load Cell Platform Scale  
HX5.EX-1.150.HR3/5 One Load Cell Platform Scale

## Functions



Labelling



Plus/Minus Control



Percent Weighing



Parts counting



Newton unit measurement



Statistics



GLP Procedures



Replaceable unit



ALIBI Memory

## Datasheet

|                                 | HX5.EX-1.3.HR2 One Load Cell Platform Scale | HX5.EX-1.6.HR2 One Load Cell Platform Scale | HX5.EX-1.6.HR3 One Load Cell Platform Scale |
|---------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|
| <b>Metrological parameters</b>  |                                             |                                             |                                             |
| <b>Maximum capacity [Max]</b>   | 3 kg                                        | 6 kg                                        | 6 kg                                        |
| <b>Minimum load</b>             | 20 g                                        | 40 g                                        | 40 g                                        |
| <b>Readability [d]</b>          | 1 g                                         | 2 g                                         | 2 g                                         |
| <b>Tare range</b>               | -3 kg                                       | -6 kg                                       | -6 kg                                       |
| <b>OIML Class</b>               | III                                         | III                                         | III                                         |
| <b>Physical parameters</b>      |                                             |                                             |                                             |
| <b>Display</b>                  | 5" graphic colour                           | 5" graphic colour                           | 5" graphic colour                           |
| <b>Weighing pan dimensions</b>  | 250×300 mm                                  | 250×300 mm                                  | 410×410 mm                                  |
| <b>Net weight</b>               | 14,3 kg                                     | 14,3 kg                                     | 17,3 kg                                     |
| <b>Gross weight</b>             | 16 kg                                       | 16 kg                                       | 20 kg                                       |
| <b>Communication interface</b>  |                                             |                                             |                                             |
| <b>Communication interface</b>  | 2×RS232, RS485                              | 2×RS232, RS485                              | 2×RS232, RS485                              |
| <b>Electrical parameters</b>    |                                             |                                             |                                             |
| <b>Power supply</b>             | 100 ÷ 240 V AC 50 / 60 Hz                   | 100 ÷ 240 V AC 50 / 60 Hz                   | 100 ÷ 240 V AC 50 / 60 Hz                   |
| <b>Power consumption max.</b>   | 15 W                                        | 15 W                                        | 15 W                                        |
| <b>Environmental conditions</b> |                                             |                                             |                                             |
| <b>Operating temperature</b>    | -10 ÷ +40 °C                                | -10 ÷ +40 °C                                | -10 ÷ +40 °C                                |
| <b>Relative humidity</b>        | 10% ÷ 85% RH no condensation                | 10% ÷ 85% RH no condensation                | 10% ÷ 85% RH no condensation                |
| <b>Construction</b>             |                                             |                                             |                                             |
| <b>Construction</b>             | Stal stainless steel AISI316                | Stal stainless steel AISI316                | Stal stainless steel AISI316                |

## Datasheet

|                                 | HX5.EX-1.15.HR4 One Load Cell Platform Scale | HX5.EX-1.15.HR5 One Load Cell Platform Scale | HX5.EX-1.15.HR3 One Load Cell Platform Scale |
|---------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|
| <b>Metrological parameters</b>  |                                              |                                              |                                              |
| <b>Maximum capacity [Max]</b>   | 15 kg                                        | 15 kg                                        | 15 kg                                        |
| <b>Minimum load</b>             | 100 g                                        | 100 g                                        | 100 g                                        |
| <b>Readability [d]</b>          | 5 g                                          | 5 g                                          | 5 g                                          |
| <b>Tare range</b>               | -15 kg                                       | -15 kg                                       | -15 kg                                       |
| <b>OIML Class</b>               | III                                          | III                                          | III                                          |
| <b>Physical parameters</b>      |                                              |                                              |                                              |
| <b>Display</b>                  | 5" graphic colour                            | 5" graphic colour                            | 5" graphic colour                            |
| <b>Weighing pan dimensions</b>  | 500×500 mm                                   | 600×600 mm                                   | 410×410 mm                                   |
| <b>Net weight</b>               | 24,8 kg                                      | 27,8 kg                                      | 17,3 kg                                      |
| <b>Gross weight</b>             | 28,5 kg                                      | 32 kg                                        | 20 kg                                        |
| <b>Communication interface</b>  |                                              |                                              |                                              |
| <b>Communication interface</b>  | 2×RS232, RS485                               | 2×RS232, RS485                               | 2×RS232, RS485                               |
| <b>Electrical parameters</b>    |                                              |                                              |                                              |
| <b>Power supply</b>             | 100 ÷ 240 V AC 50 / 60 Hz                    | 100 ÷ 240 V AC 50 / 60 Hz                    | 100 ÷ 240 V AC 50 / 60 Hz                    |
| <b>Power consumption max.</b>   | 15 W                                         | 15 W                                         | 15 W                                         |
| <b>Environmental conditions</b> |                                              |                                              |                                              |
| <b>Operating temperature</b>    | -10 ÷ +40 °C                                 | -10 ÷ +40 °C                                 | -10 ÷ +40 °C                                 |
| <b>Relative humidity</b>        | 10% ÷ 85% RH no condensation                 | 10% ÷ 85% RH no condensation                 | 10% ÷ 85% RH no condensation                 |
| <b>Construction</b>             |                                              |                                              |                                              |
| <b>Construction</b>             | Stal stainless steel AISI316                 | Stal stainless steel AISI316                 | Stal stainless steel AISI316                 |

## Datasheet

|                                 | HX5.EX-1.15.HR2 One Load Cell Platform Scale | HX5.EX-1.15.HR3/5 One Load Cell Platform Scale | HX5.EX-1.30.HR5 One Load Cell Platform Scale |
|---------------------------------|----------------------------------------------|------------------------------------------------|----------------------------------------------|
| <b>Metrological parameters</b>  |                                              |                                                |                                              |
| <b>Maximum capacity [Max]</b>   | 15 kg                                        | 15 kg                                          | 30 kg                                        |
| <b>Minimum load</b>             | 100 g                                        | 100 g                                          | 200 g                                        |
| <b>Readability [d]</b>          | 5 g                                          | 5 g                                            | 10 g                                         |
| <b>Tare range</b>               | -15 kg                                       | -15 kg                                         | -30 kg                                       |
| <b>OIML Class</b>               | III                                          | III                                            | III                                          |
| <b>Physical parameters</b>      |                                              |                                                |                                              |
| <b>Display</b>                  | 5" graphic colour                            | 5" graphic colour                              | 5" graphic colour                            |
| <b>Weighing pan dimensions</b>  | 250×300 mm                                   | 400×600 mm                                     | 600×600 mm                                   |
| <b>Net weight</b>               | 14,3 kg                                      |                                                | 27,8 kg                                      |
| <b>Gross weight</b>             | 16 kg                                        | —                                              | 32 kg                                        |
| <b>Communication interface</b>  |                                              |                                                |                                              |
| <b>Communication interface</b>  | 2×RS232, RS485                               | 2×RS232, RS485                                 | 2×RS232, RS485                               |
| <b>Electrical parameters</b>    |                                              |                                                |                                              |
| <b>Power supply</b>             | 100 ÷ 240 V AC 50 / 60 Hz                    | 100 ÷ 240 V AC 50 / 60 Hz                      | 100 ÷ 240 V AC 50 / 60 Hz                    |
| <b>Power consumption max.</b>   | 15 W                                         | 15 W                                           | 15 W                                         |
| <b>Environmental conditions</b> |                                              |                                                |                                              |
| <b>Operating temperature</b>    | -10 ÷ +40 °C                                 | -10 ÷ +40 °C                                   | -10 ÷ +40 °C                                 |
| <b>Relative humidity</b>        | 10% ÷ 85% RH no condensation                 | 10% ÷ 85% RH no condensation                   | 10% ÷ 85% RH no condensation                 |
| <b>Construction</b>             |                                              |                                                |                                              |
| <b>Construction</b>             | Stal stainless steel AISI316                 | Stal stainless steel AISI316                   | Stal stainless steel AISI316                 |

## Datasheet

|                                 | HX5.EX-1.30.HR4 One Load Cell Platform Scale | HX5.EX-1.30.HR3 One Load Cell Platform Scale | HX5.EX-1.30.HR2 One Load Cell Platform Scale |
|---------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|
| <b>Metrological parameters</b>  |                                              |                                              |                                              |
| <b>Maximum capacity [Max]</b>   | 30 kg                                        | 30 kg                                        | 30 kg                                        |
| <b>Minimum load</b>             | 200 g                                        | 200 g                                        | 200 g                                        |
| <b>Readability [d]</b>          | 10 g                                         | 10 g                                         | 10 g                                         |
| <b>Tare range</b>               | -30 kg                                       | -30 kg                                       | -30 kg                                       |
| <b>OIML Class</b>               | III                                          | III                                          | III                                          |
| <b>Physical parameters</b>      |                                              |                                              |                                              |
| <b>Display</b>                  | 5" graphic colour                            | 5" graphic colour                            | 5" graphic colour                            |
| <b>Weighing pan dimensions</b>  | 500×500 mm                                   | 410×410 mm                                   | 250×300 mm                                   |
| <b>Net weight</b>               | 24,8 kg                                      | 17,3 kg                                      | 14,3 kg                                      |
| <b>Gross weight</b>             | 28,5 kg                                      | 20 kg                                        | 16 kg                                        |
| <b>Communication interface</b>  |                                              |                                              |                                              |
| <b>Communication interface</b>  | 2×RS232, RS485                               | 2×RS232, RS485                               | 2×RS232, RS485                               |
| <b>Electrical parameters</b>    |                                              |                                              |                                              |
| <b>Power supply</b>             | 100 ÷ 240 V AC 50 / 60 Hz                    | 100 ÷ 240 V AC 50 / 60 Hz                    | 100 ÷ 240 V AC 50 / 60 Hz                    |
| <b>Power consumption max.</b>   | 15 W                                         | 15 W                                         | 15 W                                         |
| <b>Environmental conditions</b> |                                              |                                              |                                              |
| <b>Operating temperature</b>    | -10 ÷ +40 °C                                 | -10 ÷ +40 °C                                 | -10 ÷ +40 °C                                 |
| <b>Relative humidity</b>        | 10% ÷ 85% RH no condensation                 | 10% ÷ 85% RH no condensation                 | 10% ÷ 85% RH no condensation                 |
| <b>Construction</b>             |                                              |                                              |                                              |
| <b>Construction</b>             | Stal stainless steel AISI316                 | Stal stainless steel AISI316                 | Stal stainless steel AISI316                 |

## Datasheet

|                                 | HX5.EX-1.30.HR3/5 One Load Cell Platform Scale | HX5.EX-1.60.HR3 One Load Cell Platform Scale | HX5.EX-1.60.HR5 One Load Cell Platform Scale |
|---------------------------------|------------------------------------------------|----------------------------------------------|----------------------------------------------|
| <b>Metrological parameters</b>  |                                                |                                              |                                              |
| <b>Maximum capacity [Max]</b>   | 30 kg                                          | 60 kg                                        | 60 kg                                        |
| <b>Minimum load</b>             | 200 g                                          | 400 g                                        | 400 g                                        |
| <b>Readability [d]</b>          | 10 g                                           | 20 g                                         | 20 g                                         |
| <b>Tare range</b>               | -30 kg                                         | -60 kg                                       | -60 kg                                       |
| <b>OIML Class</b>               | III                                            | III                                          | III                                          |
| <b>Physical parameters</b>      |                                                |                                              |                                              |
| <b>Display</b>                  | 5" graphic colour                              | 5" graphic colour                            | 5" graphic colour                            |
| <b>Weighing pan dimensions</b>  | 400×600 mm                                     | 410×410 mm                                   | 600×600 mm                                   |
| <b>Net weight</b>               |                                                | 17,3 kg                                      | 27,8 kg                                      |
| <b>Gross weight</b>             | —                                              | 20 kg                                        | 32 kg                                        |
| <b>Communication interface</b>  |                                                |                                              |                                              |
| <b>Communication interface</b>  | 2×RS232, RS485                                 | 2×RS232, RS485                               | 2×RS232, RS485                               |
| <b>Electrical parameters</b>    |                                                |                                              |                                              |
| <b>Power supply</b>             | 100 ÷ 240 V AC 50 / 60 Hz                      | 100 ÷ 240 V AC 50 / 60 Hz                    | 100 ÷ 240 V AC 50 / 60 Hz                    |
| <b>Power consumption max.</b>   | 15 W                                           | 15 W                                         | 15 W                                         |
| <b>Environmental conditions</b> |                                                |                                              |                                              |
| <b>Operating temperature</b>    | -10 ÷ +40 °C                                   | -10 ÷ +40 °C                                 | -10 ÷ +40 °C                                 |
| <b>Relative humidity</b>        | 10% ÷ 85% RH no condensation                   | 10% ÷ 85% RH no condensation                 | 10% ÷ 85% RH no condensation                 |
| <b>Construction</b>             |                                                |                                              |                                              |
| <b>Construction</b>             | Stal stainless steel AISI316                   | Stal stainless steel AISI316                 | Stal stainless steel AISI316                 |

## Datasheet

|                                 | HX5.EX-1.60.HR3/5 One Load Cell Platform Scale | HX5.EX-1.60.HR4 One Load Cell Platform Scale | HX5.EX-1.150.HR3 One Load Cell Platform Scale |
|---------------------------------|------------------------------------------------|----------------------------------------------|-----------------------------------------------|
| <b>Metrological parameters</b>  |                                                |                                              |                                               |
| <b>Maximum capacity [Max]</b>   | 60 kg                                          | 60 kg                                        | 150 kg                                        |
| <b>Minimum load</b>             | 400 g                                          | 400 g                                        | 1 kg                                          |
| <b>Readability [d]</b>          | 20 g                                           | 20 g                                         | 50 g                                          |
| <b>Tare range</b>               | -60 kg                                         | -60 kg                                       | -150 kg                                       |
| <b>OIML Class</b>               | III                                            | III                                          | III                                           |
| <b>Physical parameters</b>      |                                                |                                              |                                               |
| <b>Display</b>                  | 5" graphic colour                              | 5" graphic colour                            | 5" graphic colour                             |
| <b>Weighing pan dimensions</b>  | 400×600 mm                                     | 500×500 mm                                   | 410×410 mm                                    |
| <b>Net weight</b>               |                                                | 24,8 kg                                      | 17,3 kg                                       |
| <b>Gross weight</b>             | —                                              | 28,5 kg                                      | 20 kg                                         |
| <b>Communication interface</b>  |                                                |                                              |                                               |
| <b>Communication interface</b>  | 2×RS232, RS485                                 | 2×RS232, RS485                               | 2×RS232, RS485                                |
| <b>Electrical parameters</b>    |                                                |                                              |                                               |
| <b>Power supply</b>             | 100 ÷ 240 V AC 50 / 60 Hz                      | 100 ÷ 240 V AC 50 / 60 Hz                    | 100 ÷ 240 V AC 50 / 60 Hz                     |
| <b>Power consumption max.</b>   | 15 W                                           | 15 W                                         | 15 W                                          |
| <b>Environmental conditions</b> |                                                |                                              |                                               |
| <b>Operating temperature</b>    | -10 ÷ +40 °C                                   | -10 ÷ +40 °C                                 | -10 ÷ +40 °C                                  |
| <b>Relative humidity</b>        | 10% ÷ 85% RH no condensation                   | 10% ÷ 85% RH no condensation                 | 10% ÷ 85% RH no condensation                  |
| <b>Construction</b>             |                                                |                                              |                                               |
| <b>Construction</b>             | Stal stainless steel AISI316                   | Stal stainless steel AISI316                 | Stal stainless steel AISI316                  |

## Datasheet

|                          | HX5.EX-1.150.HR5 One Load Cell Platform Scale | HX5.EX-1.150.HR3/5 One Load Cell Platform Scale | HX5.EX-1.150.HR4 One Load Cell Platform Scale |
|--------------------------|-----------------------------------------------|-------------------------------------------------|-----------------------------------------------|
| Metrological parameters  |                                               |                                                 |                                               |
| Maximum capacity [Max]   | 150 kg                                        | 150 kg                                          | 150 kg                                        |
| Minimum load             | 1 kg                                          | 1 kg                                            | 1 kg                                          |
| Readability [d]          | 50 g                                          | 40 g                                            | 50 g                                          |
| Tare range               | -150 kg                                       | -150 kg                                         | -150 kg                                       |
| OIML Class               | III                                           | III                                             | III                                           |
| Physical parameters      |                                               |                                                 |                                               |
| Display                  | 5" graphic colour                             | 5" graphic colour                               | 5" graphic colour                             |
| Weighing pan dimensions  | 600×600 mm                                    | 400×600 mm                                      | 500×500 mm                                    |
| Net weight               | 27,8 kg                                       |                                                 | 24,8 kg                                       |
| Gross weight             | 32 kg                                         | —                                               | 28,5 kg                                       |
| Communication interface  |                                               |                                                 |                                               |
| Communication interface  | 2×RS232, RS485                                | 2×RS232, RS485                                  | 2×RS232, RS485                                |
| Electrical parameters    |                                               |                                                 |                                               |
| Power supply             | 100 ÷ 240 V AC 50 / 60 Hz                     | 100 ÷ 240 V AC 50 / 60 Hz                       | 100 ÷ 240 V AC 50 / 60 Hz                     |
| Power consumption max.   | 15 W                                          | 15 W                                            | 15 W                                          |
| Environmental conditions |                                               |                                                 |                                               |
| Operating temperature    | -10 ÷ +40 °C                                  | -10 ÷ +40 °C                                    | -10 ÷ +40 °C                                  |
| Relative humidity        | 10% ÷ 85% RH no condensation                  | 10% ÷ 85% RH no condensation                    | 10% ÷ 85% RH no condensation                  |
| Construction             |                                               |                                                 |                                               |
| Construction             | Stal stainless steel AISI316                  | Stal stainless steel AISI316                    | Stal stainless steel AISI316                  |



## Accessories

Communication modules

Power Adapters

## Software

RAD-KEY  
RADWAG Connect  
RADWAG Development Studio  
R.Barcode

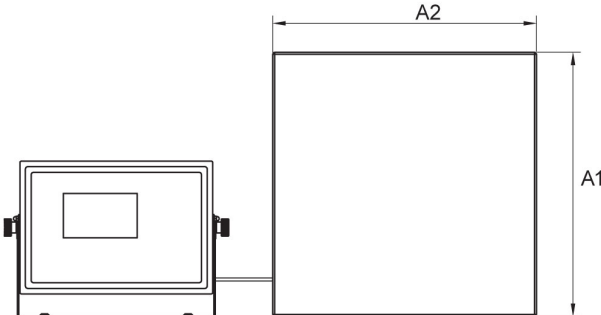
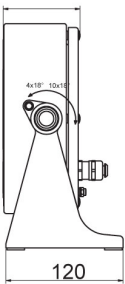
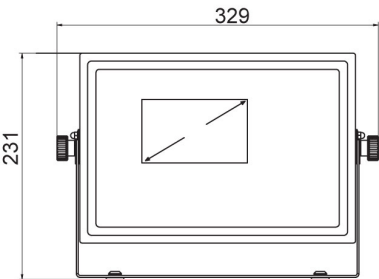
LabVIEW Driver  
R-LAB  
E2R System

## Device dimensions

HX5.EX-1.15.HR2 One Load Cell Platform Scale, HX5.EX-1.30.HR5 One Load Cell Platform Scale, HX5.EX-1.60.HR5 One Load Cell Platform Scale, HX5.EX-1.60.HR3/5 One Load Cell Platform Scale, HX5.EX-1.30.HR3 One Load Cell Platform Scale, HX5.EX-1.60.HR4 One Load Cell Platform Scale, HX5.EX-1.3.HR2 One Load Cell Platform Scale, HX5.EX-1.6.HR2 One Load Cell Platform Scale, HX5.EX-1.6.HR3 One Load Cell Platform Scale, HX5.EX-1.15.HR4 One Load Cell Platform Scale, HX5.EX-1.30.HR4 One Load Cell Platform Scale, HX5.EX-1.15.HR5 One Load Cell Platform Scale, HX5.EX-1.150.HR5 One Load Cell Platform Scale, HX5.EX-1.30.HR2 One Load Cell Platform Scale, HX5.EX-1.30.HR3/5 One Load Cell Platform Scale, HX5.EX-1.150.HR4 One Load Cell Platform Scale, HX5.EX-1.15.HR3/5 One Load Cell Platform Scale, HX5.EX-1.60.HR3 One Load Cell Platform Scale, HX5.EX-1.150.HR3 One Load Cell Platform Scale, HX5.EX-1.15.HR3 One Load Cell Platform Scale, HX5.EX-1.150.HR3/5 One Load Cell Platform Scale

| Scale type     | A1  | A2  | B     |
|----------------|-----|-----|-------|
| HX5.EX-1.HR2   | 250 | 300 | 103±3 |
| HX5.EX-1.HR3   | 410 | 410 | 98±2  |
| HX5.EX-1.HR4   | 500 | 500 | 155±5 |
| HX5.EX-1.HR3/5 | 400 | 600 | 155±5 |
| HX5.EX-1.HR5   | 600 | 600 | 155±5 |

Dimensions in mm



PUE HX5.EX-1

Platform H