



European Standard
FEM 9.755 Compliant

Market Solutions

Crane-Weighing Solution Available

BLH • Nobel Weighing Systems

Brands of VPG Process Weighing

Life Cycle Measurement of Cranes

According to European Standard – FEM 9.755

Crane-weighing solution from Nobel Weighing Systems incorporates our load cells with state-of-the-art G4 instrumentation for logging time, position, and weight to optimize service and maintenance intervals. Provides a cost-effective solution to compliance with European crane standard FEM 9.755, which establishes calculation of service intervals and life-cycle measurement parameters for cranes above 1000 kg.

Features

- Applicable to new and existing cranes
- Calculates service intervals according to FEM 9.755
- Sums all channels – main load
- Controls and logs overload
- Performs standard weighing functions
- Displays total weight and difference between crane sides
- Sets values for up to 32 load levels
- Logs up to 3 different operation times
- Compensates for faulty load cells
- Enables data downloading onto memory stick
- Communicates via fieldbus or analog output
- Allows optimum service intervals

Instrumentation

| Product (Front View) | Description |
|--|---|
|  <p>DIN Rail Mount</p> <p>Panel Mount</p> | <ul style="list-style-type: none"> • Modular configuration of weighing, communication, and I/O modules • Fieldbus support: Modbus TCP, Profibus, DeviceNet, and others • Displays: <ul style="list-style-type: none"> ○ Panel mount: 5.7-inch LCD color graphic touch screen ○ Rail mount: 2 x 16-character dot matrix LCD • Weighing channels: <ul style="list-style-type: none"> ○ Panel mount: Maximum of 8 ○ Rail mount: 6 • Power supply: 24 VDC. Panel mount version—optional 220/110 VAC • Stainless steel and stand-alone models are also available |

Load Cells

| Product | Description |
|--|---|
|  | <p>Double-ended shear beam with I-beam cross section High-accuracy load cell for weighing and force measurement, e.g., cranes, wheels, ladles, ovens</p> <ul style="list-style-type: none"> • Capacity from 0.5 kN • Combined error: 0.2% to 0.5% of R.O. • Cable or connector • ATEX-approved |

VPG Process Weighing Worldwide Sales Contacts

The Americas
Norwood, MA
PH: +1-781-298-2200
FAX: +1-781-762-3988
E-MAIL: pw.usa@vishaypg.com

Canada
Toronto
PH: +1-416-251-2554
FAX: +1-416-251-2690
E-MAIL: pw.can@vishaypg.com

Taiwan, R.O.C*
New Taipei City
PH: +886-2-8692-6888
FAX: +886-2-8692-6818
E-MAIL: pw.asia@vishaypg.com
*Asia except China

P.R. China
Tianjin
PH: +86-22-2835-9605
FAX: +86-22-2813-1682
E-MAIL: pw.asia@vishaypg.com

Israel
Holon
PH: +972-3-557-0888
FAX: +972-3-556-8116
E-MAIL: pw.il@vishaypg.com

United Kingdom
Bradford
PH: +44-1274-782229
FAX: +44-1274-782230
E-MAIL: pw.uk@vishaypg.com

Germany
Heilbronn
PH: +49-7131-39099-0
FAX: +49-7131-39099-229
E-MAIL: pw.de@vishaypg.com

France
Chartres
PH: +33-2-37-33-31-25
FAX: +33-2-37-33-31-29
E-MAIL: pw.fr@vishaypg.com

Sweden
Karlskoga
PH: +46-586-63000
FAX: +46-586-63099
E-MAIL: pw.se@vishaypg.com

Norway
Oslo
PH: +47-22-88-40-90
FAX: +47-22-88-40-99
E-MAIL: pw.no@vishaypg.com

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