Weight indicator   INDATEXHPR-Touch-3GD

Ex

Suitable for application in hazardous area, protection according to **ATEX II 3G Ex nR IIC T6 Gc X** (for gas) and **ATEX II 3D Ex tc IIIC T130°C Dc IP68 X** (for dust) - **Zone 2 & 22.**

Completely customizable screens
Thanks to the programmable Touch Screen Display, you can create custom-made interfaces for any application.

Available AllScales firmware
– **HP-Touch-01**: totalization / dosage and formula weighing
– **HP-Touch-02**: pieces/quantity counting (pieces, liter)
– **HP-Touch-03**: weighbridges – input/output vehicle
– **HP-Touch-04**: static checkweighing of prepackaged goods
– **HP-Touch-05**: price computing and industrial labelling
– **HP-Touch-08**: (wheel)axle weighing (vehicles), with 2 or more platforms
– **HP-Touch-BATCH1**: single product dosage systems in loading and unloading
– **HP-Touch-BATCH**: Multiple product dosage systems in status load/ unload

I / O-Section
- two RS232 serial ports, for connection to printer, radio module, PC or PLC, badge reader or remote scale
- one RS232/RS485 serial port, for connection to printer, PC, PLC, or digital load cells
- 4 optoisolated outputs
- 2 optoisolated inputs
- external connectable Profibus interface in ATEX area, for automation management

Options
- stainless steel bracket for stand – for mounting ATEX battery
- painted steel stand for indicator
- stainless steel stand for indicator
- internal real-time clock module
- internal alibi memory module for max. 120.000 weighings, incl. real time clock
- internal 2 IN / 2 OUT module ATEX 3GD (not possible in combination with alibi memory)
- internal analog output module 0-4/20 mA or 0-10VdC
- internal ethernet interface
- wireless connection through radio frequency module AS-RFEX

Properties
- CE approvable (application for legal trade)
- watertight stainless steel housing IP68, with new IP68 protection system
- backlit graphic display with touch screen technology, dim. 120 x 90 mm (lxh)
- multilanguage software
- 15-key alphanumerical waterproof keyboard
- 3-way control LEDs for checkweighing
- selectable QWERTY, AZERTY or QWERTZ keyboard integrated in the touch screen
- dimensions: 280 x 143 x 185 mm (w x d x h)
- suitable for use on the table, pole, or wall
- real-time clock and permanent data storage
- alibi memory, integrated on the motherboard
- functions available with weigh software for Windows PC:
  - o extensive reporting options
  - o advanced options for building a database structure
  - o easily export data to for example Excel
- 24-bit A / D converter, 4 hannels, up to 3200 conv./sec. and up to 8 signal linearisation points
- 4 independent analogue channels (up to 2 in the weighbridge version) for reading of the weight
- connection with up to 16 analogue load cells of 350 O (45 load cells of 1000 O)
- up to 10.000e OIML or 3 x 3000e @ 0,3 µV/d
- up to 1.000.000 displayable divisions for internal factory use, with internal resolution up to 3.000.000 points
- connectable to printers and labellers with free programmation of the printout formats
- power:
  - o **INDATEXHPR-Touch-3GD-V**: 110-240 Vac;
  - o **INDATEXHPR-Touch-3GD-A**: through optional **external battery** in stainless steel housing **IP65**, disconnecting, recharge and reconnecting in safe area; battery charger included.

Options
- WiFi module ASWIFEX
- RS485 bidirectional port (instead if standard RS232 interface)
- Analog output with D/A 16 bit converter, configurable from 0-10 vdc, 0-4/20 mA

Remaining options, for use in safe area*:*
- thermal ticket- or labelprinter
- external ATEX battery pack in IP65 stainless steel housing. For ATEX 3GD instruments, 2 and 22 zones. ATTENTION: recharge in safe zone only, connectable and disconnectable from the weighing system also in hazardous area.