

## Technical data sheet

### I-Box PID/Namur, type 6912-14

- ▶ Intelligent terminal box for connection of 12 read contacts to readout the magnetic codes at the filling station.
- ▶ Another 20 PID connections to readout the PID (Product Identification Device) in accordance with EN 14116 and AS listener contact
- ▶ For use in hazardous location zone 1
- ▶ Robust, compact and lightweight aluminium enclosure
- ▶ ATEX approved



### Technical Data

#### Electric data

Power supplies	<p><b>Namur</b> DC 8,4V from I-Box interface type 6932-109/ -112 Explosion protection: Ex ia intrinsically safe electric circuit; for detailed electric data, see operating instructions;</p> <p><b>PID</b> DC 12V from I-Box interface type 6932-109/ -112 Explosion protection: Ex ia intrinsically safe electric circuit; for detailed electric data, see operating instructions</p>
Data interfaces	<p><b>Namur</b> 1: current-modulated, 200 Baud 2: interface 1 looped Explosion protection: Ex ia intrinsically safe circuit; for detailed electric data, see operating instructions;</p> <p><b>PID</b> RS485, 153600 Baud Explosion protection: Ex ia intrinsically safe electric circuit; for detailed electric data, see operating instructions;</p>
Sensors PID	20 x PID (Product Identification Device) Explosion protection: Ex ia intrinsically safe electric circuit; for detailed electric data, see operating instructions
NAMUR sensors	18 x NAMUR two-wire sensors Explosion protection: Ex ia intrinsically safe electric circuit; for detailed electric data, see operating instructions;
Cable entry	29 x M16 x 1,5 plastic 1 x M20 x 1,5 plastic
Connection	Terminals 1,5 mm <sup>2</sup> pluggable

#### Ambient conditions

Ambient temperature	- 20 ... + 50 °C
Storage temperature	- 20 ... + 50 °C
Protection type	IP65 in accordance with EN60529
Equipment group / category / type of protection	II 2 (1) G Ex ia [ia Ga] IIB T4 Gb
EC-type examination certificate Norms	BVS 10 ATEX E 106 EN 60079-0, EN 60079-11, EN 60079-14, EN 60079-26

## Mechanical data

Dimensions	see dimensional drawing
Weight	40 N (4 kg)

## Order details

Designation	Order number
I-Box PID/Namur type 6912-14	306769

## Dimensions

