ELECTRONIC UNIT 9:300/400 FOR OVERLOAD GUARDS

PIAB Electronic Units 9:300/9:400 for overload guards. Advanced units that are capable of processing signals from different types of power transducers. Eminently suitable for protecting lifting devises, conveyors, machinery, etc. against overload. Output functions are available as potential free contacts and output signals for load indication.

PIAB™

TECHNICAL DATA

9:300	9:400
Art.no 301930	Art.no 301940 (With indicating instrument)

NUMBER OF RELAYS
2 *2*

OPERATING VOLTAGE
110-230 VAC, 50/60 Hz or 24 VDC.

TRANSDUCER INPUT
0-2.5 mV/V.

LIMIT SETTINGS (HOIST)
Limit 1, -5% to +133% of max. load (SWL).
Limit 2A, 0% to +133% of max. load (SWL).
Limit 2B, 0% to 25% above Limit 2A.

BREAKING CAP. FOR RELAYS
8A, 250 VAC.

SWITCH-OFF DELAY
Limit 1, 0.01 s or 0.5 s.
Limit 2A, 0.5 s.
(Could be changed at request).
Limit 2B, 0.01 s.

SWITCH-ON DELAY
0.0-5.0 s.

ANALOGUE OUTPUT
1 x 4-20 mA (Could be tared).
1 x 4-20 mA.

WORKING TEMPERATURE
-20C to +70C.

PROTECTION CLASS
IP65.

ENCLOSURE
Steelbox
200 x 200 x 80 mm
(L x H x D).

CE

CERTIFICATED ISO 9001 COMPANY

RANGE OF APPLICATION

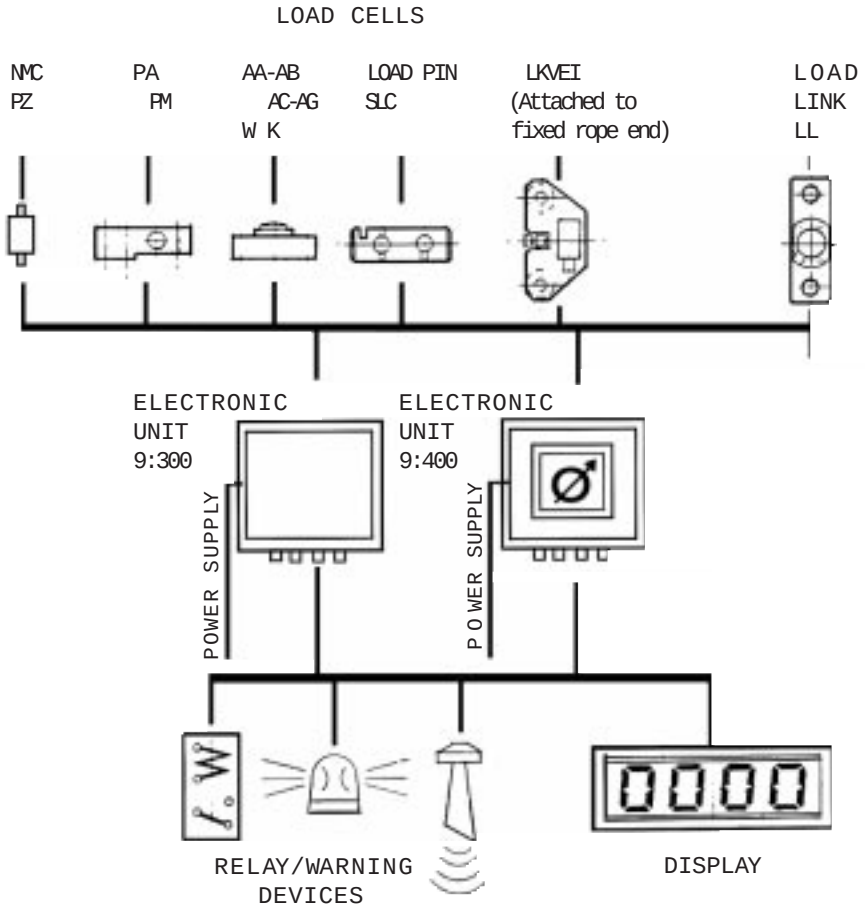
PIAB 9:300/9:400 is designed for use with PIAB Transducers. Particularly suitable for use in aggressive industrial environments to prevent conveyors, lifting gear, machinery, etc. against accidents. It enhances control operations thus helping to avoid expensive equipment breakdown. However, they can be used in other applications such as load indications, slack rope control or speed control.

FUNCTION

The signal from the transducer is processed within the unit. The electronic unit controls and indicates limit settings, switch-off delays, switch-on delays, alarms, etc. It has three switch functions controlling two relays.

SAFETY

PIAB Electronic Units are self checking. Malfunction of the unit or cable damage will automatically indicate overload.



ELECTRONIC OVERLOAD GUARDS
Transducers (Loadcells) 0-2.5 mV/V
ELECTRONIC UNIT 9:300 & 9:400

PIAB™
Force Measurement

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