SCALE

PCE-SDF 153



- **1 switching outputs for OK status**
- **1 switching output for critical level**
- **1 switching output for withdrawal deviation**
- **1 switching contact for function interruption**
- **Bidirectional RS-232 interface**
- **Suitable for continuous measurement**
- **Control cabinet installation optional**
- **GSM modem / LAN / RS-485 etc. optional**

The industrial silo scale for containers - fill level - removal - monitoring - offers the possibility to ensure the supply of a production facility effectively and reliably. The silo scale for container monitoring can not only monitor the current filling level of the container but also the continuous weight loss. By monitoring the current filling level, the silo scale for container - filling level - removal - monitoring - can prompt the machine operator to fill up the container in good time. For this purpose, the silo scale for container monitoring has three passive switching contacts (potential-free contact / optocoupler outputs / OC). A switching contact of the monitoring silo scale can be used for a green traffic light, for example. This switching contact is active when the actual status of the container is OK.

If the container reaches a minimum limit / minimum load, a second switching contact can switch a yellow or red traffic light, which is intended to prompt the user to fill up. The traffic lights are not included in the scope of delivery, but can be ordered as an option for the silo scale for container monitoring. The second monitoring option of the silo scale is the continuous weight loss. This function can monitor the filling processes of the machines and report irregularities in material removal. A weight loss per unit of time can be stored in the silo scale for containers - level - removal - monitoring. Example g/min, kg/min, g/hour, kg/hour.

Specification

Weighing range	
Measuring range from	1 kg
Measuring range max.	150 kg
Resolution	5 g
Accuracy	±20 g

General technical data	
cable length	1,5 m
Measuring functions	MIN, MAX, Average value
Measuring functions (additional information)	Piece counting function, totalizing function, percentage weighing, recipe weighing, statistics function, animal weighing function
Units	kg, g, lb, oz, ct, ozt, gr, dwt
Display Typ	LED
Digit size [WxH]	Height: 18 mm / 0.7 in
Interface	bi-directional RS232
Automatic power-off	5 min.
Repeatability	10 g
Minimum load [min]	1 kg
Tare range	Multiple tare over the full measuring range
Calibration	extern
Dimensions	Display 190 x 140 x 65 mm / 7.5 × 5.5 × 2.6 in
Settling time	< 3 s
Linearity	20 g
Menu language	English (US), English (GB)
Protection class (device)	IP54, IP65
Power supply	230V AC | 50 Hz, 8V A 12V DC 850 mA
Connector type	Device Europlug
Operating conditions	-10 ... 40 °C , 20 ... 90 (non-condensing)%RH
Storage conditions	-10 ... 40 °C , 0 ... 90 %RH
Dimensions (L x W x H)	500 x 600 x 150 mm
Weight	24000 g

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