

CYLINDER SCALE



Cylinder scale



Panel / Flush - mounting case



Wall mounting case



Electronic scales,
for the level metering of gas cylinders,
with alarm output for low supply pressure alarm

SPECIAL FEATURES

- > Very flat construction
- > Metering range to 135 kg
- > 0.1 % accuracy and high temperature resistance
- > High protection class IP 65 for outdoor use and high humidity
- > 3 alarm outputs on display unit

DESCRIPTION

These electronic scales are delivered together with display unit and connection cable. The indicating device offers 3 alarm outputs to the display unit for the low supply pressure alarm.

APPLICATION

For indoor or outdoor use in gas cabinets. The flat design of these scales allows for the installation even under spatially restricted conditions. The high protection class allows for deployment even where heavy condensation occurs. The scales fulfil the highest EMV requirements to guarantee a safe, fault-free and exact operation.

TECHNICAL DATA - SCALES

Measuring range:	27 / 45 / 136 kg - 60 / 100 / 300 lbs
Measuring range:	140 kg
Dimensions:	approx. 234×234×35 mm
Sensor material housing:	Aluminium/Chrome nickel steel
Working temperature:	-15 to 50 °C (compensated temperature range)
Accuracy:	< 0.1 % of range
Nonlinearity:	< 0.05 % of range
EX-protection:	ATEX, category 3G, EEx nA/nL II C T4 /T5
Protection class:	IP 65(NEMA 4) accord. to IEC 60 529
Dielectric strength:	500 DC V
Auxiliary power:	15 - 30 DC V
Max. output:	< 30 mA
Signal output:	4 ... 20 mA, 2-wire

TECHNICAL DATA - DISPLAY

Housing:	Polycarbonate, black
Dimensions:	approx. 48×96×98.5 mm
Display size:	45×92 mm
Protection class:	IP 66
Weight:	approx. 600 g
Alarm outlets:	switching output
Switching behavior:	break cutter and shutter, adjustable with keyboard
Power rating:	230 V AC, 3 A
Power consumption:	10 VA
Working temperature:	0 - 50 °C
Auxiliary power:	AC 230 V 50/60 Hz

Item No.	Description
H28756019	Cylinder Scale
H28756119	Digital display - wall mounting
H28510319	Digital display - panel mounting