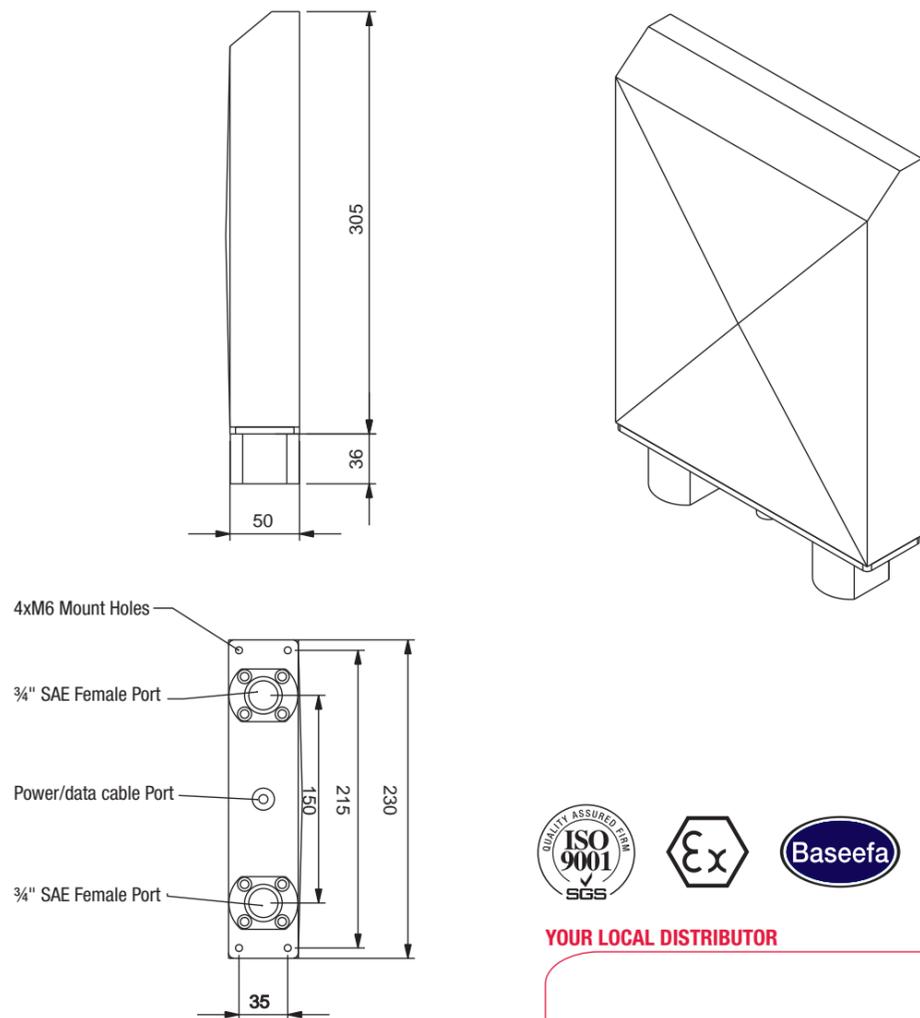


KG80 Dimensions



YOUR LOCAL DISTRIBUTOR



Compac KG80 Coriolis Meter



Whether you are filling a car or a bus, the Compac KG80 meter is the ideal solution for all your CNG metering needs.

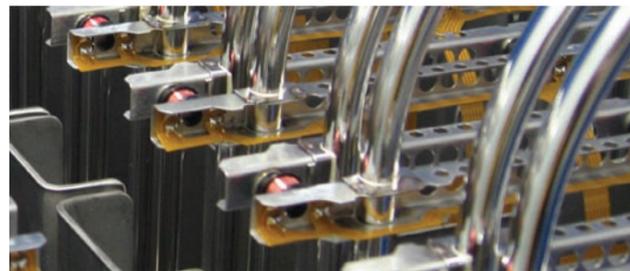
The KG80 has a wide flow range from 1-80 kg/min means that it is suitable for both high and low flow rate dispensers.

The excellent reliability, high accuracy and zero maintenance requirements, make it the best choice for your CNG dispensing system.

Compac Features

Innovative metering technology from a company committed to CNG

Compac has a long history with CNG and designed their first natural gas meter over 20 years ago. Since then they have continued their commitment to ongoing research and development to ensure they remain at the forefront of dispensing technology.



During the course of a CNG delivery there are rapid variations in pressure, temperature and flow rates as solenoids open and close and the vehicle fills. To ensure the meter is fit for this demanding task, it has been designed for just this purpose and has been developed on CNG - not on water.

The meter is approved to the latest OIML standards for accuracy and is rated for inlet pressures up to 275 bar.

Ongoing Development

Compac is committed to making the best CNG metering systems in the world. Through our in-house electronic and mechanical engineering departments we are constantly developing our products.

Manufacture and Test Facilities

All meter manufacture and testing is done at Compac so we have full control over the final product. Compac has a full CNG station on site, with two compressors, priority panel and three banks of storage. Our test bay is equipped with highly accurate scales to prove the accuracy of our meters.

Standard Specifications

Nominal Flow Rate	1-80 Kg/min
Max Inlet Pressure	275 Bar (350 Bar Optional)
Accuracy on CNG	To latest OIML Standard
Temperature Range	-25°C to +55°C
Material Specification	All wetted parts Stainless Steel
Weight	~4.1 Kg

Compac Advantages

In addition to the KG80 meter Compac also manufactures their own C4000 Electronic head. This one company solution gives you a number of advantages:

Zero Free Gas - Error checking Between the KG80 and the C4000 prevents un-metered gas being dispensed.

Zero Calibration Drift - Compac is the first meter manufacturer to make a meter with absolutely no zero point drift. The KG80 Meter will never lose its zero point and start auto counting, totally eliminating the need for regular site service visits.

Lower Cost - Total focus on CNG refueling gives Compac some significant cost advantages. Unlike other instrumentation manufactures, Compac does not make a family of process meters that utilise expensive electronics and unnecessary complicated software. The Compac KG80 is a self contained meter with no external electronics. Its software is customised for CNG and the whole meter is integrated with the dispenser head - eliminating complicated wiring.

Simple Interface - The integration of the KG80 Meter with the C4000 Electronics gives an extremely simple interface with no need for laptops, special tools or elaborate protocols.

Ease of Service - The KG80 meter is self-characterising and is the easiest CNG Coriolis Meter to setup. All you need to do is plug it in, input the calibration K-factor and you are ready to dispense gas. While the need for meter replacement is very rare it is also incredibly simple. All you need is a spanner and a hex key and in a matter of minutes you can be back filling vehicles.

Electronic Design

At the heart of the KG80 Meter is a powerful DSP with advanced algorithms and filters. High speed processing and intelligent software ensure the meter is accurate and reliable

Mechanical Innovation

Compac has designed a meter with no weld or braze in contact with the flow of gas. This ingenious design eliminates potential problems of leaks at brazes or welds due to chemical or metallurgical changes.

Approvals

Compac is a company that strongly believes in the importance of having a third party verify and approve all products, and the KG80 meter is no exception. The C4000 dispenser electronics, including the KG80 meter, is intrinsically safe and has been approved for Class 1 Zone 1 Hazardous areas.

ATEX Baseefa03ATEX063X (England)

SA AUS Ex 3595X (Australia)

OIML NMI 12/1/8 (Australia)