

# Type CC1

## Compression Load Cell

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quality + precision



# World Class Engineering

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## Quality by Design

Exceptional engineering and craftsmanship are hallmarks of Flintec. As an industry leader in load cell and force sensor design, our expertise has led to an impressive portfolio of high pedigree devices servicing a wide array of industries. The CC1 product line is no exception. Robust and accurate, delivering unrivalled performance in the even most hostile environments.

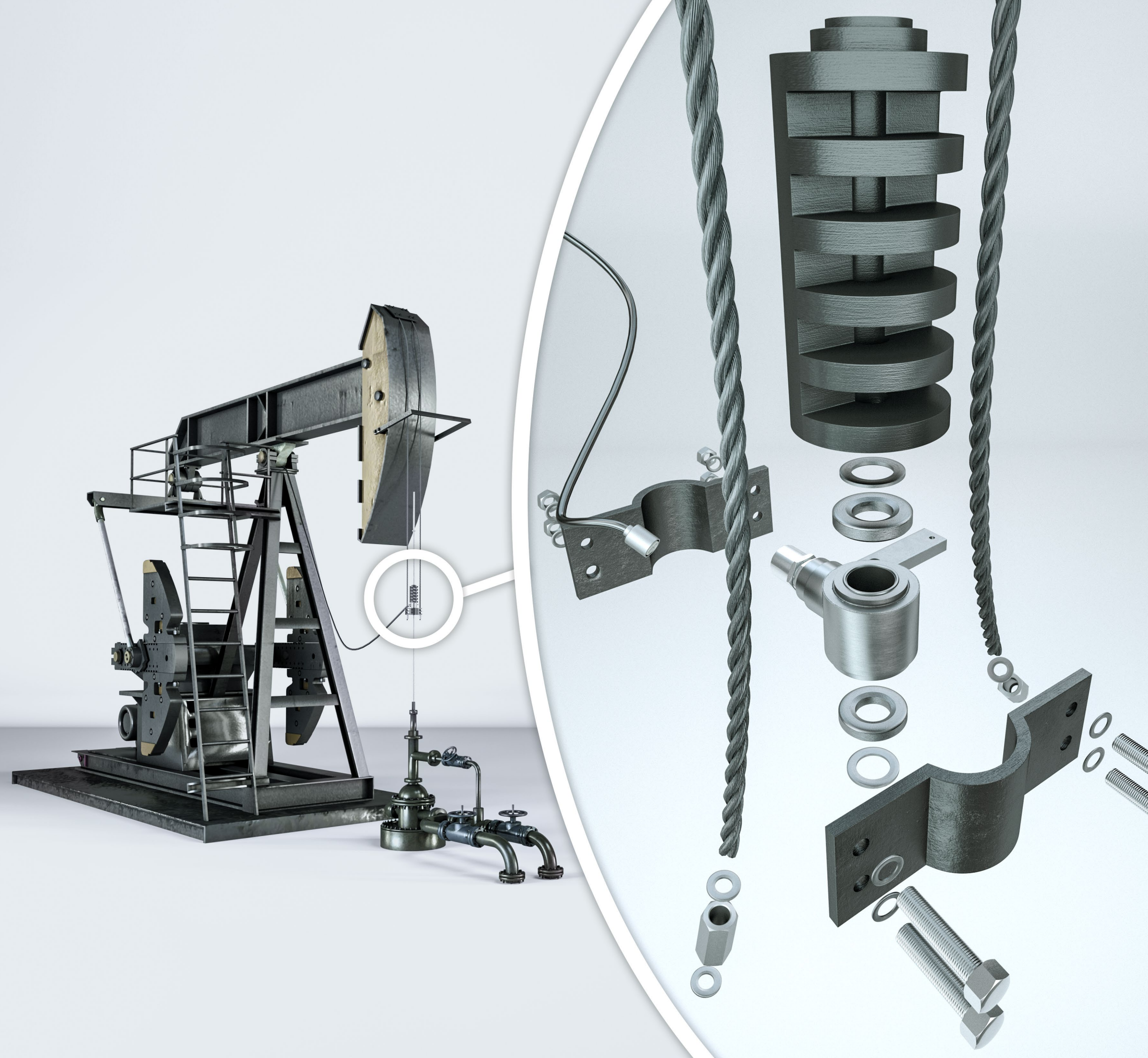
## Fit for Purpose

The CC1 load cell has been purpose built for use in polished rod pumping within the oil and gas industry. Pump control systems must monitor changes in oil flow and adjust operation accordingly. This improves efficiency and avoids wear and tear.

Once fitted, the CC1 provides real-time data on the stroking force, allowing the control system to maintain optimum performance. Built from the very best materials using the finest precision tools, you can be assured that the CC1 is the best in its class.



# Maximum Performance Guaranteed



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## Seamless Integration

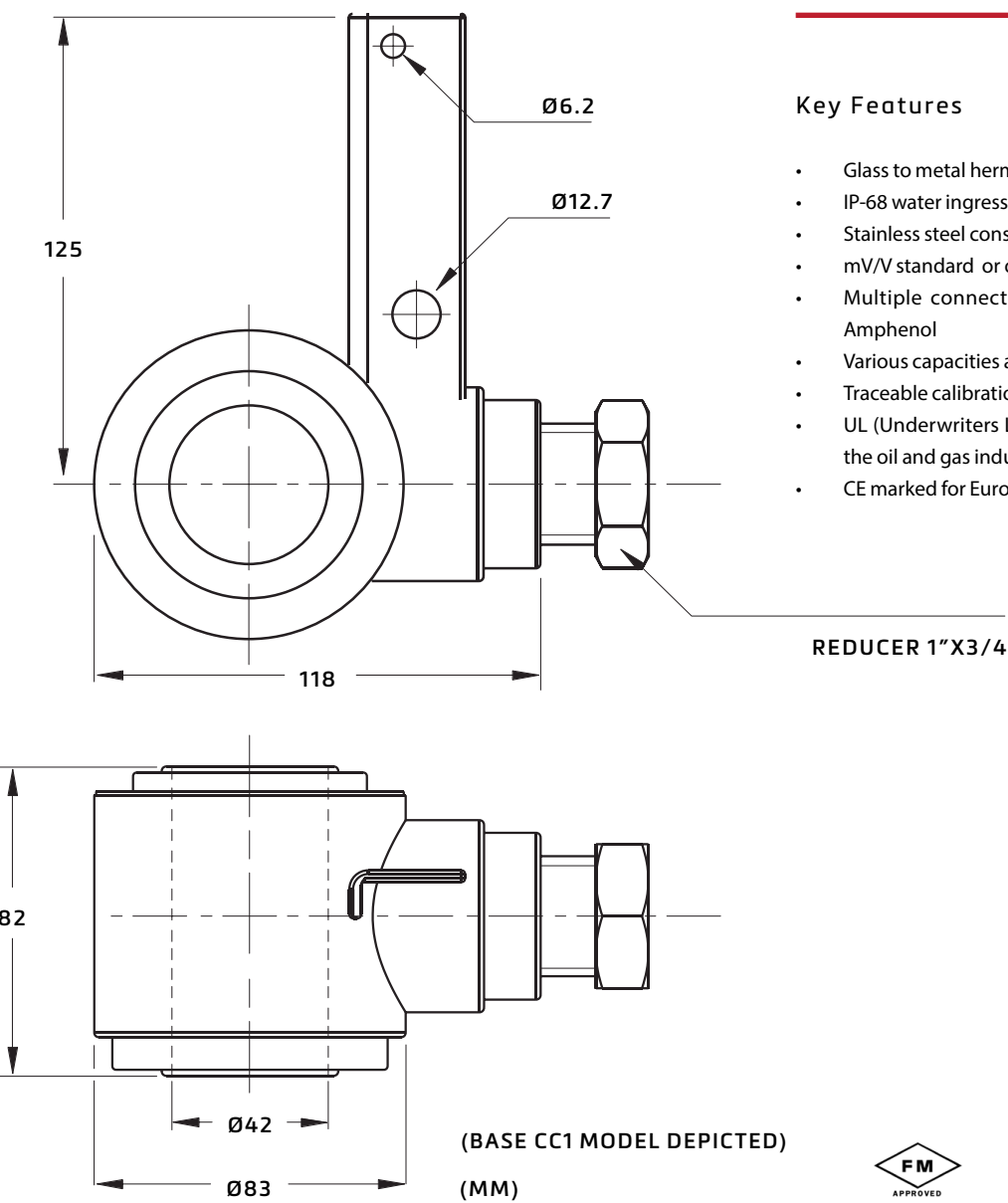
It was important to create a versatile product, one which could easily integrate into any setup. The CC1 is designed to be compatible with most pump control system on the market and is interchangeable with many of our competitor's devices. When the time comes, it is easy to upgrade from your old load cell to our CC1 product line.

## Perfect Accessories

We offer a broad range of accessories that complement the CC1 load cell. Spherical washers are available to minimise off centre forces, improving accuracy. Coiled and straight cables in a variety of lengths can be provided with any connector you need. We are committed to delivering the very best solutions for your application.

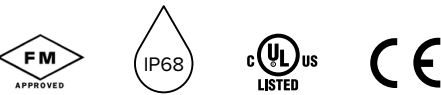
Flintec’s renowned design and development resources have come together.

The result is the CC1.



Key Features

- Glass to metal hermetic seal
- IP-68 water ingress protection
- Stainless steel construction
- mV/V standard or optional 4-20mA output
- Multiple connector options including Molex and Amphenol
- Various capacities available
- Traceable calibration in accordance with NIST
- UL (Underwriters Laboratory) certification for use in the oil and gas industry
- CE marked for European use



Quality Assurance

Here at Flintec we believe it is important to keep the critical stages of manufacturing in-house. Unlike some other companies that buy their components, we build from scratch and can perfectly tailor our devices for their intended use, and do so at a more competitive price.

Machined from high-grade steel, hermetically sealed and containing state of the art strain gauge electronics, the purpose built CC1 provides a robust and accurate solution for polished rod pumping systems. Thorough testing and approvals add reassurance of quality.



Molex connector



Amphenol connector



Molex connector



Amphenol connector



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