

## Robust flowmeter is perfect for oil & gas

With the introduction of a new high pressure electromagnetic flowmeter, Endress+Hauser now offers a complete portfolio of instrumentation for the oil & gas industry. Robust and approved for use in hazardous areas, the Promag 53 is ideal for demanding environmental and process conditions. And as it's based upon proven-in-use Endress+Hauser flowmeter technology, the new Promag is perfect for both upstream and downstream applications.

The material specification and construction of the Promag 53 have been chosen to withstand the rigours of the oil & gas industry and to meet its demanding safety standards. The sensor design, materials and non-destructive test procedure conform to EN13480 and ASME B31.3 for the highest possible plant safety. The materials used for the large variety of process connections as well as the measuring tube are typically UNS31254 (6Mo), guarding against sulfide cracking. ASME C1.600 to C1.2500 process connections can be used up to 400 bar system pressure. The device also comes with a range of hazardous area approvals including ATEX II 2G and ATEX II 2D. FM and CSA approvals are also available.

As well as having all the relevant certification, the Promag 53 is compact and fully welded to ensure it's robust enough to endure the toughest conditions. It's also accurate to 0.2% of reading. Typical applications for the Promag 53 include water injection for enhanced oil recovery (EOR) to increase reservoir pressure, produced water injection into disposal wells and potash mining.

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## Notes

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. The Group employs more than 12,000 personnel across the globe, generating net sales of 2 billion euros in 2014.

## Structure

With dedicated sales centers and a strong network of partners, Endress+Hauser guarantees competent worldwide support. Our production centers in 11 countries meet customers' needs and requirements quickly and effectively. The Group is managed and coordinated by a holding company in Reinach, Switzerland, with UK headquarters in Wythenshawe, Manchester. As a successful family-owned business, Endress+Hauser is set for continued independence and self-reliance.

## Products

Endress+Hauser provides sensors, instruments, systems and services for level, flow, pressure and temperature measurement as well as analytics and data acquisition. The company supports customers with automation engineering, logistics and IT services and solutions. Our products set standards in quality and technology.

## Industries

We work closely with the chemical, petrochemical, food & beverage, oil & gas, water & wastewater, power & energy, life science, primaries & metal, renewable energies, pulp & paper and shipbuilding industries. Endress+Hauser supports its customers in optimizing their processes in terms of reliability, safety, economic efficiency and environmental impact.

## History

Founded in 1953 by Georg H Endress and Ludwig Hauser, Endress+Hauser has been solely owned by the Endress family since 1975. The Group has developed from a specialist in level measurement to a provider of complete solutions for industrial measuring technology and automation, with constant expansion into new territories and markets.

For further information, please visit [www.uk.endress.com](http://www.uk.endress.com)

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