

▶ The perfect fit



Now available: Bus-powered
FOUNDATION™ fieldbus
Device in FISCO Design



KROHNE

▶ *achieve more*

▶ H250 M40 – The modular flowmeter

KROHNE has been setting standards in variable area flowmeters since 1921, and the H250 M40 is no exception, it is the perfect combination of innovation with the advantage of proven technology.

Thanks to its unique, modular design, the H250 M40 can be individually adapted for any application. It can be used purely as a mechanical meter with no need for auxiliary power or integrated into a field bus system. It can be intrinsically safe or supplied in a explosion-proof casing and it has the ability to be mounted either vertically, horizontally or even in a down pipe. So, no matter what your requirements the H250 M40 reliably masters every measurement task and impresses with its excellent price-performance ratio.



H250 M40

A device that meets all Ex requirements.

All electronic components are designed to be intrinsically safe and non-sparking and can be used in gas and dust explosive areas. You also have the option of installing the same components – with a safety lid – as devices in explosion-proof enclosures. This makes it possible to comply with different regional explosion protection strategies with just one device. All H250 M40 variants offer category IP66/IP68 protection.

The right solution for any installation length.

Typically, variable area flowmeters are installed upright in rising mains and the product must flow through them from bottom to top. This can lead to considerable expense. The H250 M40 on the other hand, grants you every freedom in terms of design, available in unique versions which can be used for both horizontal and fall pipes.

Proven quality from KROHNE.

As with any KROHNE variable area flowmeter, you can count on accuracy and repeatability. Each device is individually calibrated in Duisburg, Germany, for each application. And the sturdy all-metal housing – available in various materials – ensures superior resistance to pressure, temperature and media.

Highlights:

- Universal Ex concept: Ex i and Ex d
- Modular scalability – from mechanical to fieldbus
- Any installation position: vertical and horizontal
- Choice of material: stainless steel, Hastelloy®, titanium, Monel®, PTFE/TFM liner
- Many connection variants: flanged, screwed, weld-on ends etc.
- Extended measuring range: up to 100:1

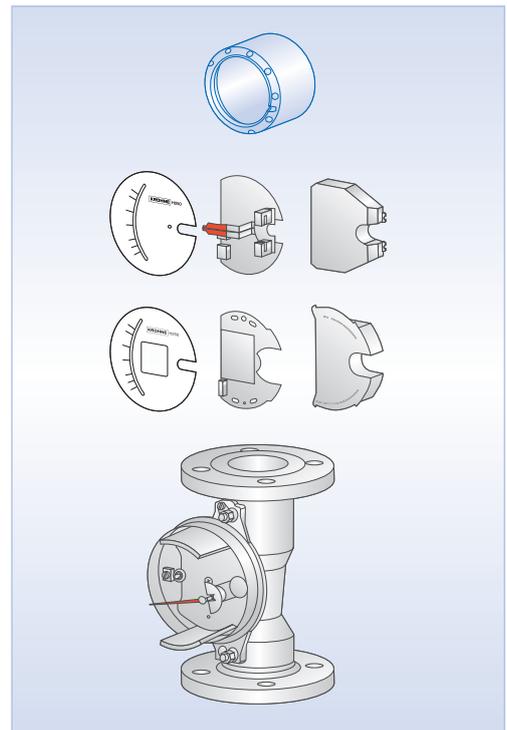
Unique modular concept provides flexibility.

Using the purely mechanical version as a base, you can add or replace electronic modules, scaling functions to your needs. Anything is possible, from analogue flow measurement without auxiliary power to digital integration into a fieldbus system.

Just twist off the top, insert the module until it clicks, twist the top back on and you're finished – no tools, no process interruption. And it's just as easy to replace the measuring scale when there's a change in the application. It couldn't be easier.

Module:

- Limit switches
- 2-wire current output
- Fieldbus communication
- Totalizer with pulse output
- LC display



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