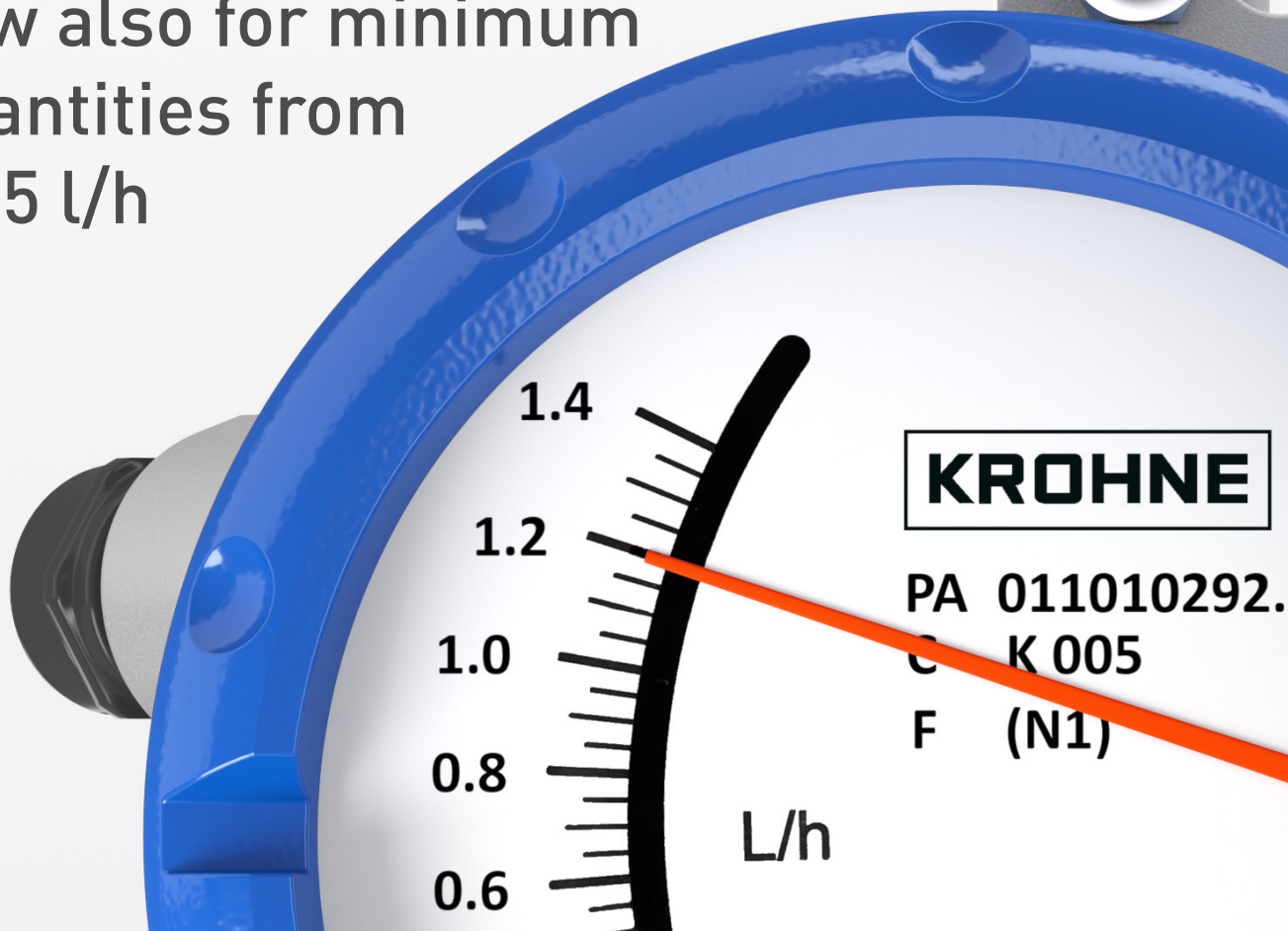


► **More flexibility:**  
now also for minimum  
quantities from  
0.15 l/h



**KROHNE**

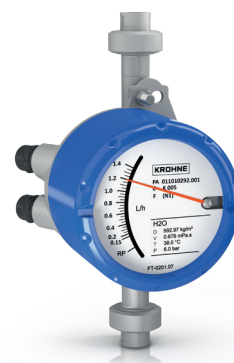
► measure the facts

## H250 M40 – Variable area flowmeter with variable measuring range, electronics and approval options

Since 1921, KROHNE has been setting standards in variable area flow measurement, continually improving and expanding the range of products to respond to the new process requirements of our customers.

The same also applies to the measuring range, now considerably expanded into the lower range, for the tried and true H250 M40 variable area flowmeter. The advantages of the unique modular design and globally available approvals for hazardous areas can thus be applied to minimum quantities starting from, for example, 0.15 l/h water or 1.6 l/h air.

From mechanical to digital fieldbus, from extremely low flow rates to hundreds of cubic metres, from ATEX to FM – Thanks to this triple flexibility, the H250 M40 can individually adapt to any application.



H250 M40

## H250 M40 – triple flexibility with the new option for measuring minimum quantities

The new Option for extremely low flow rates combines measuring ranges of purge flowmeters like the KROHNE DK37 with the extensive range of electronic options and Ex-approvals for H250 M40. This extends the application range for liquids to 0.15 l/h up to 120 m<sup>3</sup>/h and for gases to 1.6 l/h up to 2800 m<sup>3</sup>/h.

### All-round worry-free package for use in hazardous areas

KROHNE's H250 M40 offers a universal Ex-design for a wide range of usage zones in gas and dust explosive areas. With protection types intrinsically safe, non-incendive and explosion-proof, just one device can accommodate the different regional explosion protection strategies.

H250 M40 is ATEX-, IECEx- and FM-approved for the USA and Canada and also according to NEPSI for China. In addition, the measuring device also features other local approvals such as INMETRO, CCOE/PESO, KCS and EAC.

### Highlights:

- Universal Ex concept: Ex i and Ex d
- Modular scalability: from mechanical to fieldbus
- For gases from 1.6 l/h up to 2800 m<sup>3</sup>/h
- For liquids from 0.15 l/h up to 120 m<sup>3</sup>/h
- Many connection variants:  
Flanged, screwed, welding-ends etc.

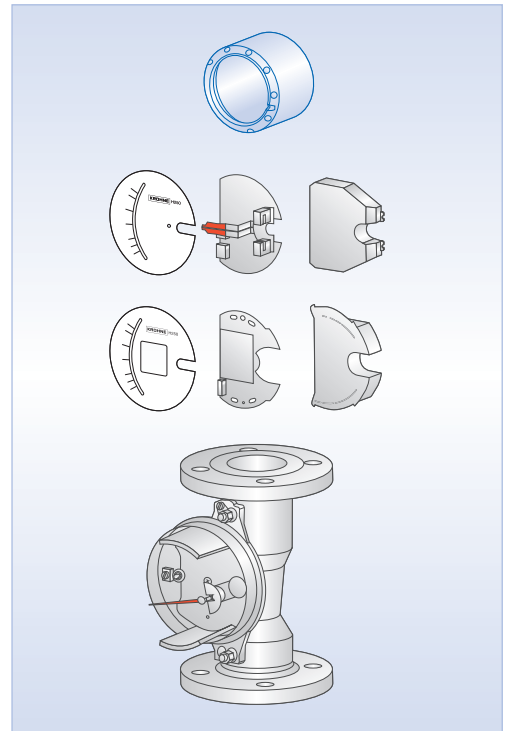
### Unique modular concept provides flexibility.

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.

### Modules:

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



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