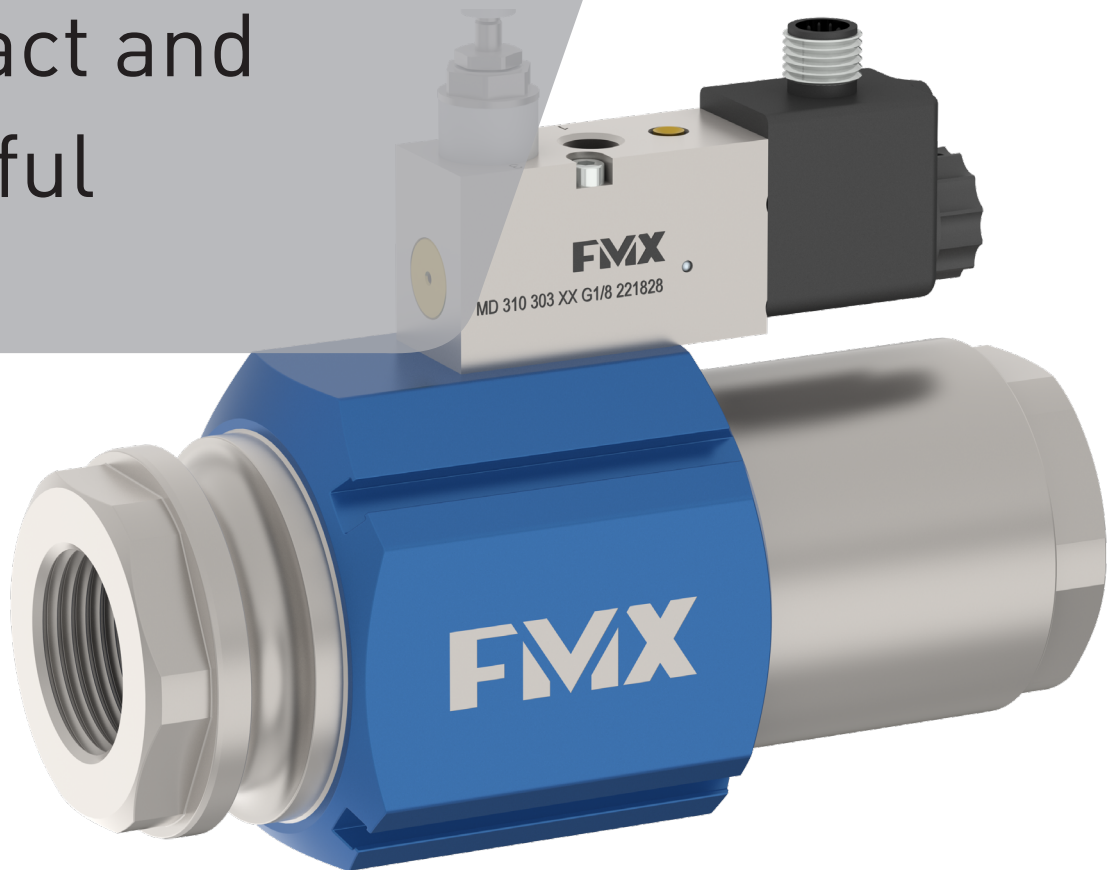


LEADING VALVE TECHNOLOGY



**FMX<sup>®</sup>** 2.0

Compact and  
Powerful



## Welcome to the original

As the inventor of the coaxial valve, müller co-ax gmbh is the world's leading manufacturer in this field. With the FMX 2.0, the company is setting standards in terms of maximum flow in a compact size.

## Outstanding relationship between installation size and flow rate

The FMX-series impresses with an extremely high Kv value combined with small installation sizes and low weights. In other words: higher flow rate, smaller space requirements, more optimal efficiency — many advantages compared to other valves of this class. And all this without compromises!



WirtschaftsWoche

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2024

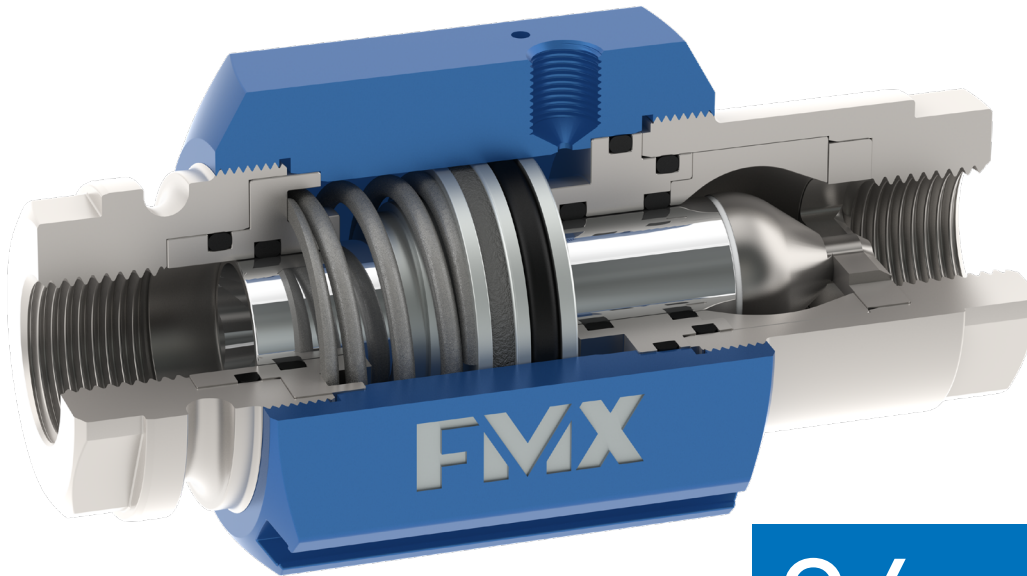
müller co-ax gmbh  
coaxiale Ventiltchnik und  
Hochdruckarmaturen

Quelle: Weltmarktführerindex  
von Dr. Walter Döring  
und Prof. Dr. Christoph Müller

# 8 strong reasons for **FMX**<sup>®</sup> 2.0

## 01 High-performance

The technology in the FMX-series stands for higher flow rates compared to other valves. Or are you looking for compactness? Our FMX valves occupy just a small installation space, while offering the same speed and quality.



## 06 Reliable

You have to be able to rely completely on every single component in your system. The FMX series is compact, absolutely robust, reliable and hence have a high life expectancy.



## 02 Lightweight

The FMX-series offers a compact design and very light weight. The perfect solution for applications in limited spaces. Despite the small size, the valves have high KV values and meet the highest performance requirements.



## 03 Efficient

Due to the pressure balanced design, the operating pressure remains unaffected by the control pressure. Regardless of the pressure level, only one actuator size is required. The compact design allows a very low control air consumption.



## 07 Flexible

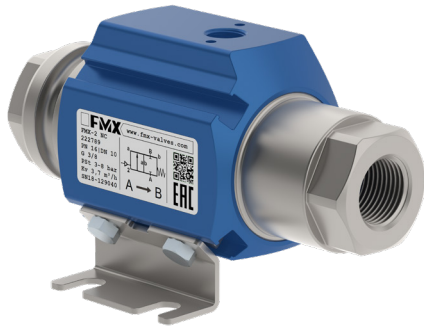
The standard connection is the familiar socket thread with imperial dimensions and optionally in NPT. A clever interface facilitates the quick and easy integration of individual valves into a module or valve manifold – even in retrospective.

## 08 Customized

FMX-valves are externally operated 2/2-way valves which can be controlled via a 3/2-way pilot valve as well as via a valve terminal. The valves can be flexibly equipped later on with accessories such as mounting brackets and limit switches.

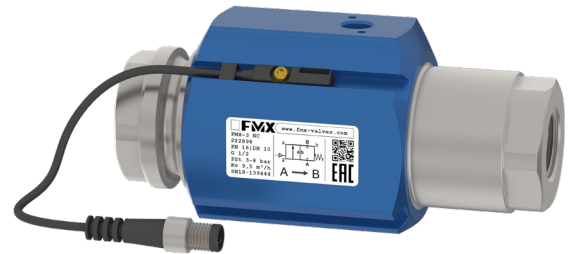
# 04 Versatile

All housing materials are made of stainless steel (1.4404) or aluminum as standard. High-quality sealing materials are also used. Applications include media such as hydrogen, oxygen, steam, emulsion/oil, air, and many more.



# 05 Pioneering

The valves of the FMX-series have bi-directional flow. You decide which direction the medium flows in. The FMX valves are back pressure tight up to full operational pressure.



## technical data

type	FMX-2	FMX-3	FMX-4	FMX-5
orifice	DN 10	DN 15	DN 20	DN 25
thread G/NPT	3/8 1/2	1/2 3/4	3/4 1	1 1 1/4
Kv value m <sup>3</sup> /h max	3,7 4,3	8,5 10,5	15,4 17,0	23,7 24,6
pressure range (bar)	0-16, 0-25, (0-40)			
body materials seal	stainless steel 1.4404 (AISI 316L) / aluminium			
materials flow	PTFE, FKM, EPDM, PU, H-Ecopur			
direction	A → B	B → A		



QR Code data sheet

**müller co-ax gmbh**

Friedrich-Müller-Str. 1  
74670 Forchtenberg  
Germany

Tel: +49 7947 828-0

Fax: +49 7947 828-11

[info@co-ax.com](mailto:info@co-ax.com)

[www.co-ax.com](http://www.co-ax.com)

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