

Gas cylinder connection Model GCY

WIKA data sheet AC 61.22

Applications

- Safe connection of gas cylinders to filling, recovery, testing and monitoring systems
- Reliable, low-leakage connection of SF₆ gas and alternative insulating gases to gas-insulated high-voltage and medium-voltage switchgear

Special features

- Valves can be isolated or coupled under pressure and vacuum
- Vacuum-resistant and pressure-tight (-1 ... +64 bar [-14.50 ... +928.24 psi]), except gas quick couplings
- Tested helium tightness of 100 %
- Operating temperature: -40 ... +80 °C [-40 ... +176 °F]
- Leakage rate: GCV, GCC, GCA, gas measuring chambers



Gas cylinder connection, model GCY

Description

The gas cylinder connections provide a safe interface between compressed gas cylinders and gas-carrying systems. They ensure a reliable gas supply during filling, emptying, recovery and testing processes on gas-insulated switchgear and associated components.

The high leak tightness of the connections contributes to the reduction of SF₆ emissions and supports safe handling of alternative insulating gases. Various thread and connection variants enable adaptation to regional and international gas cylinder standards.

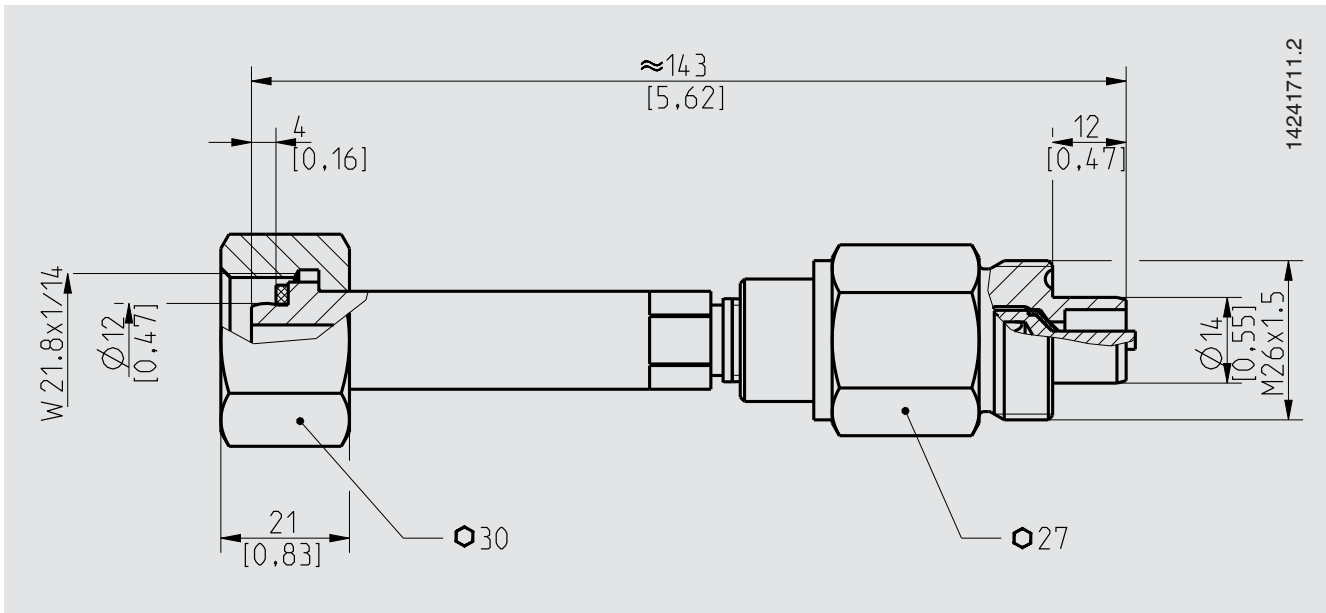
Applicable media:

- SF₆ (sulphur hexafluoride)
- g³®-gas mixtures
- C4-FN-based gas mixtures
- Fluoroketone-based insulating gases
- N₂ (nitrogen)
- Dry air

Other alternative insulating and test gases for high-voltage applications.

Overview of versions		
Model	Gas cylinder connection	Connecting part
Europe, DIN 477, No. 6	W21.8 x 1/14"	M26 x 1.5 (DN8)
Europe, DIN 477, No. 8	1"	M26 x 1.5 (DN8)
Europe, DIN 477, No. 8	1"	W21.8 x 1/14"
American, CGA 590	0.960"-14	M26 x 1.5 (DN8)
American, CGA 590	0.960"-14	W21.8 x 1/14"
Chinese, DIN 477, No. 7	G 5/8"	M26 x 1.5 (DN8)
Chinese, DIN 477, No. 7	G 5/8"	W21.8 x 1/14"

Dimensions in mm [in]



To order the described product, the order number is sufficient.

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