

TORNADO

LFM2



HEAVY DUTY SINGLE STAGE
CYLINDER PRESSURE REGULATORS
WITH OUTLET DOUBLE FLOW-METER

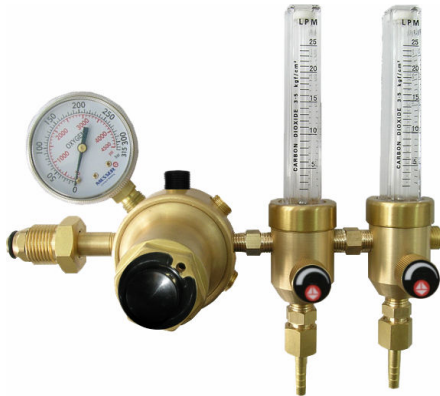
TORNADO SERIES LFM2

HEAVY DUTY SINGLE STAGE REGULATORS WITH DOUBLE FLOW-METER

The **TORNADO** single stage, spring-loaded regulator with flow meter is a time and industry proven design that has evolved from more than 100 years of Messer German engineering experience and technology to ensure the accurate control of industrial gases with minimum outlet pressure fluctuations and stable flow rates.

TORNADO regulators series LFM2 is a visibly strong, no nonsense, durable construction that sets the standard for pressure regulators used throughout heavy duty welding, brazing, soldering, and gas shielding applications.

The **TORNADO** uses the most up-to-date production and testing facilities to ensure a reliable, versatile, affordable, high performance regulator.



TORNADO Type LFM2

- Designed in accordance to internationally recognized standards EN ISO, BSP, CGA, NFE and AS.
- Manufactured under the quality management of EN ISO 9001.
- 100% Quality Assurance Testing.
- Heavy duty, durable construction.
- Forged brass body and housing cap.
- Heavy duty flow meter with shatter proof Polymer lens.
- Pressure relief valve & Burst Disc on flow meter to ensure maximum safety.
- Unique Central Sintered filter protects valve seat from foreign particles and contaminants.
- Internal design reduces gas velocity to prevent fluctuation of valve seat.
- Soft valve seat to ensure leak tightness and increase life span.
- Inlet pressure gauge and outlet flow-meter with dual scale.
- Fire-retardant valve seat material.
- Outlet pressure relief valve on regulator body ensures operator safety.
- Internal limit lock to maintain stable and constant pressure to flow meter to ensure accurate and stable gas flow.
- Large internal engineering to achieve comparatively high gas flow characteristics and pressure stability
- Reduced maintenance and downtime due to maintenance-free technology.
- German engineered for optimum performance and long life.

TORNADO Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Article No.	TORNADO Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Article No.				
LFM2/E-Ar	DIN	Ar Argon	200 bar 2900 psi	2x16l/min/34scfh	770.52167	LFM2/E-N	DIN	N ₂ Nitrogen	200 bar 2900 psi	2x16l/min/34scfh	770.52183				
				2x30l/min/64scfh	770.52168					2x30l/min/64scfh	770.52184				
LFM2/B-Ar	BSP			2x16l/min/34scfh	770.52169	LFM2/B-N	BSP			2x16l/min/34scfh	770.52185				
				2x30l/min/64scfh	770.52170					2x30l/min/64scfh	770.52186				
LFM2/F-Ar	NFE			2x16l/min/34scfh	770.52171	LFM2/F-N	NFE			2x16l/min/34scfh	770.52187				
				2x30l/min/64scfh	770.52172					2x30l/min/64scfh	770.52188				
LFM2/AS-Ar	AS	CO ₂ Carbon Dioxide	100 bar 1450 psi	2x16l/min/34scfh	770.52173	LFM2/AS-N	AS	H ₂ Hydrogen	20000 KPa 2900 psi	2x16l/min/34scfh	770.52189				
				2x30l/min/64scfh	770.52174					2x30l/min/64scfh	770.52190				
LFM2/E-C	DIN			2x16l/min/34scfh	770.52175	LFM2/E-H	DIN			2x16l/min/34scfh	770.52191				
				2x30l/min/64scfh	770.52176					2x30l/min/64scfh	770.52192				
LFM2/B-C	BSP			2x16l/min/34scfh	770.52177	LFM2/B-H	BSP			2x16l/min/34scfh	770.52193				
				2x30l/min/64scfh	770.52178					2x30l/min/64scfh	770.52194				
LFM2/F-C	NFE			2x16l/min/34scfh	770.52179	LFM2/F-H	NFE			2x16l/min/34scfh	770.52195				
				2x30l/min/64scfh	770.52180					2x30l/min/64scfh	770.52196				
LFM2/AS-C	AS			10000 KPa 1450 psi		2x16l/min/34scfh	770.52181			LFM2/AS-H	AS	20000 KPa 2900 psi		2x16l/min/34scfh	770.52197
						2x30l/min/64scfh	770.52182							2x30l/min/64scfh	770.52198

Available from:

DIGITALWELD

www.digitalweld.co.nz

Unit D 17 Hobill Ave, Wiri, Manukau, NEW ZEALAND
PO Box 202001 Southgate, Takanini 2246

Ph: +64 9 263 7099

Fax: +64 9 263 5062

Email: sales@digitalweld.co.nz



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Messer Cutting & Welding GmbH

Messer Cutting & Welding GmbH
Oxyfuel Technology/Gas Supply Systems
Lärchenstraße 139a, D-65933 Frankfurt am Main
Phone +49 (0)69 38016-0
Fax +49 (0)69 38016-111