



ASCO CO₂ Flowmeter

The ASCO CO₂ flow meter was developed for the precise measurement of CO₂ gas flow in closed pipelines.



Benefits:

- Easy installation
- High precision
- Single measuring point
- Low maintenance
- Direct reading
- Alarm function

Specifications:

	Type DN15 Art.-Nr 4071248	Type DN25 Art.-Nr 4071249
Measuring range:	1'000kg/h (2'200lb/h) at 22bar (319psi)	2'700kg/h (5'940lb/h) at 22bar (319psi)
Nominal pipe diameter:	15mm (0.6")	25mm (1")
Connections (flanges DIN 2635, PN 40):	DN 15 (1/2")	DN 25 (1")
Max. working pressure:	40 bar (580psi) (tested to 60 bar) (870psi)	40 bar (580psi) (tested to 60 bar) (870psi)
Medium temperature:	-70 to +200 °C	-70 to +200 °C
Permissible ambient temperature:	-20 to +50 °C	-20 to +50 °C
Accuracy:	Liquid: Up to 0.1% of the amount Gas: Up to 0.35% of the volume (Reference conditions)	Liquid: Up to 0.1% of the amount Gas: Up to 0.35% of the volume (Reference conditions)
Repeatability:	± 0.5% of rate	± 0.5% of rate
Materials of construction:	AISI 316L/1.4435/1.4404	AISI 316L/1.4435/1.4404
Weight approx. sensor	6kg (13lb)	10kg (22lb)
Weight approx. controller	5kg (11lb)	5kg (11lb)

ASCO CO₂-Flowmeter MF15: Standard scope of supply

Art.-Nr. 4071248

Mass flow sensor Type MF15 (fully calibrated) assembled to process pipe DN 15, PN 40 with flange connection DIN 2635. Measuring range 0-1'000kg/h (0-2200lb/h) at 22bar (319psi) The flow computer (on wall bracket) is equipped with digital display of current CO₂ flow rate in kg/h as well as totalizer and integrated keyboard. 10 meter connection cable with plug is prewired and connected. Voltage 115-230 V, 50/60 Hz

Accessories included:

- 2 pcs counterflange DN 15/PN40 welding (item no. 910101)
- 8 pcs screw M12 x 45, hex., inox (item no. 100020)
- 8 pcs Nut M12, inox (item no. 100022)
- 2 pcs gasket DN15, 2 x 51 x 22mm (item no. 110150)



ASCO CO₂-Flowmeter MF25: Standard scope of supply

Art.-Nr. 4071249

Mass flow sensor Type MF25 (fully calibrated) assembled to process pipe DN 25, PN 40 with flange connection DIN 2635. Measuring range 0-2'700kg/h (0-5'940lb/h) at 22bar (319psi) The flow computer (on wall bracket) is equipped with digital display of current CO₂ flow rate in kg/h as well as totalizer and integrated keyboard. 10 meter connection cable with plug is prewired and connected. Voltage 115-230 V, 50/60 Hz

Accessories included:

- 2 pcs counterflange DN 25/PN40 welding (item no. 910301)
- 8 pcs screw M12 x 45, hex., inox (item no. 100020)
- 8 pcs Nut M12, inox (item no. 100022)
- 2 pcs gasket DN25, 2 x 71 x 35mm (0.08 x 2.80 x 1.4in) (item no. 110151)

