

The yoke quick connector type TW42 is especially designed for filling gas cylinders with Pin-Index (with or without residual pressure valve). The connector is very light in weight and therefore easy to operate. The design of the TW42 is open allowing for easy connection, especially to cylinder valves with hand wheels and gauges.

Simply place the connector body over the cylinder valve, align the index pins and move handle upwards. The pressure-tight connection is made. The pressure assisted piston prevents accidental disconnection under pressure and provides additional safety.

For gas cylinders with residual pressure valve type, order the connector equipped with a RPV pin for opening the residual pressure valve.

APPLICATIONS

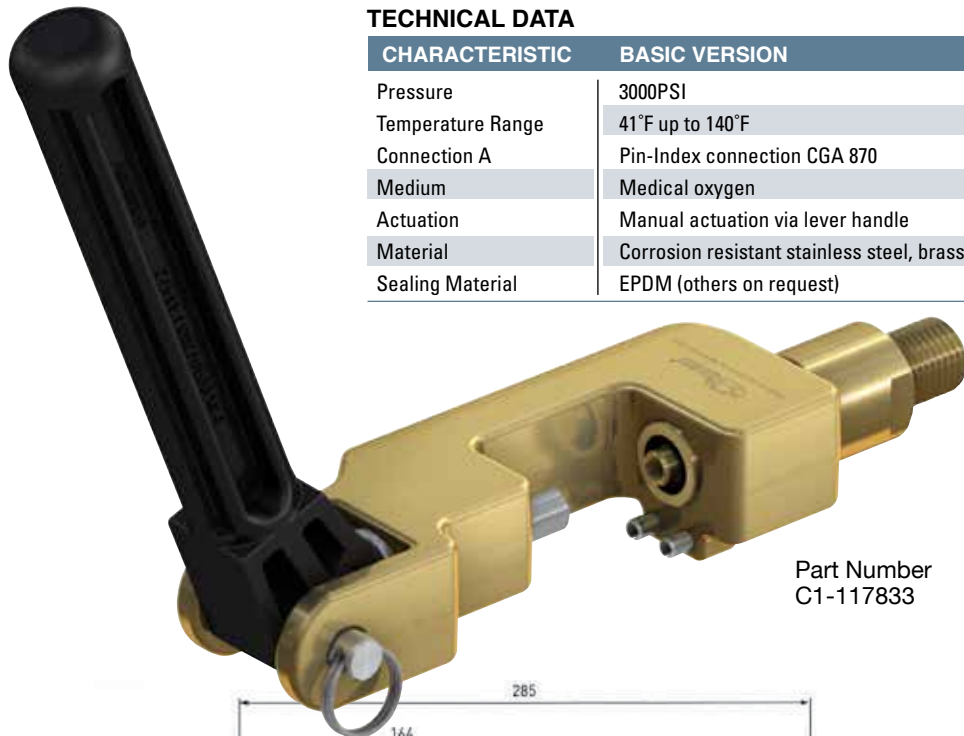
Yoke quick connector for filling of gas cylinders with Pin-Index system.

KEY FEATURES

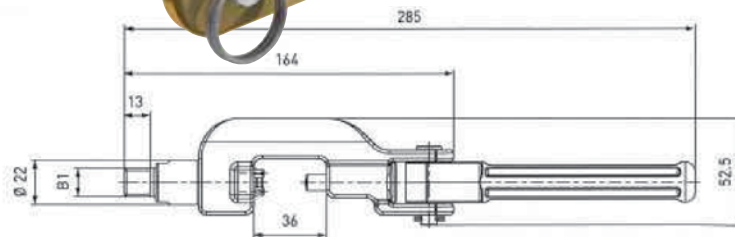
- For Pin-Index connections
- Super light => only 24.7 oz. (700 grams)
- Monel vetted piston and full brass, enhances safety (heat sink & spark free)
- Open bow body for connection in seconds
- Pressure-assisted piston prevents accidental disconnection under pressure
- High-grade materials

TECHNICAL DATA

CHARACTERISTIC	BASIC VERSION
Pressure	3000PSI
Temperature Range	41°F up to 140°F
Connection A	Pin-Index connection CGA 870
Medium	Medical oxygen
Actuation	Manual actuation via lever handle
Material	Corrosion resistant stainless steel, brass
Sealing Material	EPDM (others on request)



Part Number
C1-117833



Quick Connector TW42

Part Number	Series	Connection A	Inlet B1 (external thread)
C1-117833	TW42	CGA 870	NPT 1/4"
C1-117833-8*	TW42	CGA 870	NPT 1/4"
C1-8-117833	TW42	CGA870	NPT 1/2"

* Equipped with pin for RPV Pin-Index Valves

SPARE PARTS Various parts are available as spares for type TW42:

Part Number	Description
E50-054E	O-ring
E62-3041-010	Index Pins
E67-118238	Lever
W127886	Piston Assembly Complete