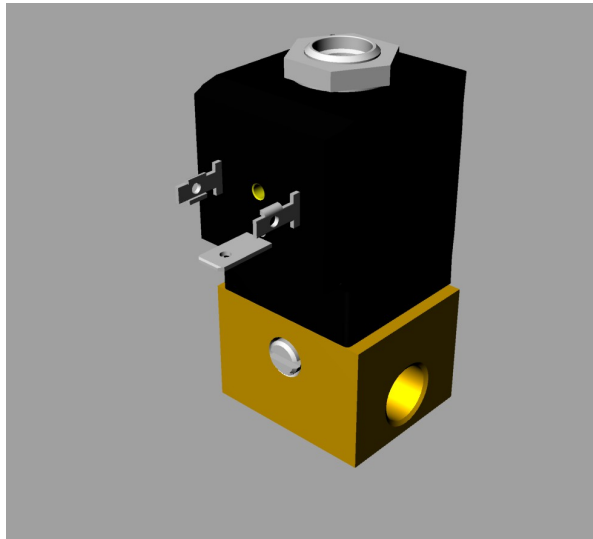


Serie Q-pistón

Características



- x Construcción: Pistón
- x Aplicaciones industriales
- x Cuerpo en Aluminio, latón, AISI303, AISI316, etc.
- x Fluidos neutros, líquidos o gaseosos
- x Presión de 0 hasta 80bar
- x Tª ambiente : hasta +35°C
- x Tª fluido: -10 a + 80°C
- x Conexiones 1/8", 1/4", 3/8" Y 1/2"
- x Orificio de 0.8 hasta 6.0mm.
- x Viscosidad : 22csT
- x Tolerancias : +10% / -10%
- x Montaje : En cualquier posición
- x Opciones : mando manual, libre de grasas, ejecuciones especiales, etc..

Opciones

Electroválvula mando directo serie Q

- ✓ Libre de grasas y aceites.
- ✓ Bobina con cable.
- ✓ Ejecuciones especiales según exigencias de la aplicación.
- ✓ Voltajes especiales.

Prestaciones

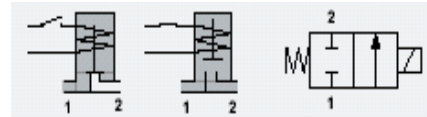
Electroválvula mando directo serie Q

2/2 normalmente cerrada

(NC)

Con bobina 6xx (10W – DC / 21.5/13.5VA – AC)

Con bobina 7xx (16W – DC / 43/24VA – AC)



| función | símbolo | orif. mm. | Kv* | presiones (bar) | | | | potencia | | | | código | | | |
|---------|---------|-----------|------|-----------------|---------|-----|---------|----------|-------|------|--------|--------|------|----|-----------|
| | | | | min. | máx. DC | | máx. AC | | Watt. | | VA. AC | | | | |
| | | | | | 6xx | 7xx | 6xx | 7xx | DC | inr. | hol. | | | | |
| | | 0.8 | 0.5 | 0 | 60 | 100 | 80 | 150 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C108 |
| | | 1.2 | 1.3 | 0 | 45 | 65 | 70 | 120 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C112 |
| | | 1.6 | 1.7 | 0 | 35 | 60 | 60 | 100 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C116 |
| | | 2.4 | 3.5 | 0 | 15 | 26 | 30 | 55 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C124 |
| | | 3.0 | 4.5 | 0 | 10 | 18 | 18 | 30 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C130 |
| | | 4.0 | 7.5 | 0 | 3 | 8 | 8 | 15 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C140 |
| | | 6.0 | 12.0 | 0 | 0.7 | 3 | 2.5 | 6 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C160 |
| | | 8.0 | 16.0 | 0 | 0.5 | 2 | 0.5 | 2 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2D180 * |
| | | 10.0 | 22.0 | 0 | 0.5 | 1.5 | 0.5 | 1.5 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2D110 ** |
| | | 10.0 | 22.0 | 0 | 0.5 | 1.5 | 0.5 | 1.5 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2E110 ** |

* = conexión G3/8"

** = conexión G1/2"

Serie Q-pistón

| función | | símbolo | orif. mm. | Kv* | presiones (bar) | | | | potencia | | | | código | | | |
|-----------|--|---------|-----------|-----|-----------------|---------|----|---------|----------|----------|----|--------|--------|------|----|--------|
| | | | | | min. | máx. DC | | máx. AC | | Watt. DC | | VA. AC | | | | |
| | | | | 6xx | | 7xx | | 6xx | | 7xx | | inr. | | hol. | | |
| <p>NO</p> | | | 0.8 | 0.5 | 0 | 40 | 60 | 40 | 60 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C208 |
| | | | 1.2 | 1.3 | 0 | 35 | 50 | 35 | 50 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C212 |
| | | | 1.6 | 1.7 | 0 | 20 | 30 | 20 | 30 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C216 |
| | | | 2.4 | 3.5 | 0 | 10 | 18 | 10 | 18 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C224 |
| | | | 3.0 | 4.5 | 0 | 8 | 10 | 8 | 10 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q2C230 |
| | | | | | | | | | | | | | | | | |

| función | | símbolo | orif. mm. | Kv* | presiones (bar) | | | | potencia | | | | código | | | |
|-----------|--|---------|-----------|-----|-----------------|---------|---|---------|----------|----------|---|--------|--------|------|---|--------|
| | | | | | min. | máx. DC | | máx. AC | | Watt. DC | | VA. AC | | | | |
| | | | | 6xx | | 7xx | | 6xx | | 7xx | | inr. | | hol. | | |
| <p>NO</p> | | | 0.8 | 0.5 | 0 | - | - | 60 | - | 10 | - | 21.5 | - | 13.5 | - | Q6C208 |
| | | | 0.8 | 0.5 | 0 | 60 | - | - | - | 10 | - | 21.5 | - | 13.5 | - | Q6C708 |
| | | | 1.2 | 1.3 | 0 | - | - | 45 | - | 10 | - | 21.5 | - | 13.5 | - | Q6C212 |
| | | | 1.2 | 1.3 | 0 | 45 | - | - | - | 10 | - | 21.5 | - | 13.5 | - | Q6C712 |
| | | | 1.6 | 1.7 | 0 | - | - | 25 | - | 10 | - | 21.5 | - | 13.5 | - | Q6C216 |
| | | | 1.6 | 1.7 | 0 | 25 | - | - | - | 10 | - | 21.5 | - | 13.5 | - | Q6C716 |
| | | | 2.0 | 3.0 | 0 | - | - | 16 | - | 10 | - | 21.5 | - | 13.5 | - | Q6C220 |
| | | | 2.0 | 3.0 | 0 | 16 | - | - | - | 10 | - | 21.5 | - | 13.5 | - | Q6C720 |
| | | | 2.4 | 3.5 | 0 | - | - | 10 | - | 10 | - | 21.5 | - | 13.5 | - | Q6C224 |
| | | | 2.4 | 3.5 | 0 | 10 | - | - | - | 10 | - | 21.5 | - | 13.5 | - | Q6C724 |
| | | | 3.0 | 4.5 | 0 | - | - | 7 | - | 10 | - | 21.5 | - | 13.5 | - | Q6C230 |
| | | | 3.0 | 4.5 | 0 | 7 | - | - | - | 10 | - | 21.5 | - | 13.5 | - | Q6C730 |
| | | | 4.0 | 7.5 | 0 | - | - | 3.5 | - | 10 | - | 21.5 | - | 13.5 | - | Q6C240 |
| | | | 4.0 | 7.5 | 0 | 3.5 | - | - | - | 10 | - | 21.5 | - | 13.5 | - | Q6C740 |

Serie Q-pistón

| función | | símbolo | orif. mm. | Kv* | presiones (bar) | | | | potencia | | | | código | | | |
|-----------|--|---------|-----------|-----|-----------------|---------|-----|---------|----------|----------|------|--------|--------|------|----|--------|
| | | | | | min. | máx. DC | | máx. AC | | Watt. DC | | VA. AC | | | | |
| | | | | 6xx | | 7xx | 6xx | 7xx | | | inr. | hol. | | | | |
| <p>NC</p> | | | 0.8 | 0.5 | 0 | 30 | - | 30 | - | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C108 |
| | | | 1.2 | 1.3 | 0 | 25 | - | 25 | - | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C112 |
| | | | 1.6 | 1.7 | 0 | 15 | - | 15 | - | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C116 |
| | | | 2.4 | 3.5 | 0 | 10 | - | 10 | - | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C124 |
| | | | 3.0 | 4.5 | 0 | 6 | - | 6 | - | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C130 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

| función | | símbolo | orif. mm. | Kv* | presiones (bar) | | | | potencia | | | | código | | | |
|-----------|--|---------|-----------|-----|-----------------|---------|-----|---------|----------|----------|------|--------|--------|------|----|--------|
| | | | | | min. | máx. DC | | máx. AC | | Watt. DC | | VA. AC | | | | |
| | | | | 6xx | | 7xx | 6xx | 7xx | | | inr. | hol. | | | | |
| <p>NO</p> | | | 0.8 | 0.5 | 0 | 20 | 25 | 20 | 25 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C208 |
| | | | 1.2 | 1.3 | 0 | 15 | 18 | 15 | 18 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C212 |
| | | | 1.6 | 1.7 | 0 | 10 | 12 | 10 | 12 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C216 |
| | | | 2.4 | 3.5 | 0 | 6 | 8 | 6 | 8 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C224 |
| | | | 3.0 | 4.5 | 0 | 4.5 | 6 | 4.5 | 6 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C230 |
| | | | | | | | | | | | | | | | | |
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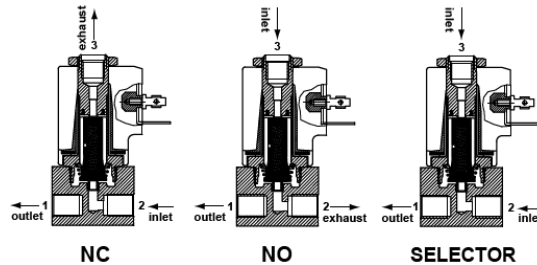
Serie Q-pistón

| | | 3/2 normalmente abierta (NA) | | | | | | | | | | | |
|---------|---------|--|-----|-----------------|---------|--|---------|----------|----------|--------|------|--------|---------------|
| | | Con bobina 6xx (10W – DC / 21.5/13.5VA – AC) | | presiones (bar) | | | | potencia | | | | código | |
| función | símbolo | orif. mm. | Kv* | min. | máx. DC | | máx. AC | | Watt. DC | VA. AC | | | |
| | | | | | 6xx | | 6xx | | | inr. | hol. | | |
| | | 0.8 | 0.5 | 0 | - | | 25 | | 10 | 21.5 | | 13.5 | Q7C208 |
| | | | | 0 | 25 | | - | | 10 | 21.5 | | 13.5 | Q7C708 |
| | | 1.2 | 1.3 | 0 | - | | 18 | | 10 | 21.5 | | 13.5 | Q7C212 |
| | | | | 0 | 18 | | - | | 10 | 21.5 | | 13.5 | Q7C712 |
| | | 1.6 | 1.7 | 0 | - | | 15 | | 10 | 21.5 | | 13.5 | Q7C216 |
| | | | | 0 | 15 | | - | | 10 | 21.5 | | 13.5 | Q7C716 |
| | | 2.0 | 3.0 | 0 | - | | 12 | | 10 | 21.5 | | 13.5 | Q7C220 |
| | | | | 0 | 12 | | - | | 10 | 21.5 | | 13.5 | Q7C720 |
| | | 2.4 | 3.5 | 0 | - | | 9 | | 10 | 21.5 | | 13.5 | Q7C224 |
| | | | | 0 | 9 | | - | | 10 | 21.5 | | 13.5 | Q7C724 |
| | | 3.0 | 4.5 | 0 | - | | 7.5 | | 10 | 21.5 | | 13.5 | Q7C230 |
| | | | | 0 | 7.5 | | - | | 10 | 21.5 | | 13.5 | Q7C730 |

| | | 3/2 direccional | | | | | | | | | | | | | |
|---------|---------|--|-----|-----------------|---------|-----|---------|----------|----------|--------|------|--------|------|----|---------------|
| | | Con bobina 6xx (10W – DC / 21.5/13.5VA – AC) | | | | | | | | | | | | | |
| | | Con bobina 7xx (16W – DC / 43/24VA – AC) | | presiones (bar) | | | | potencia | | | | código | | | |
| función | símbolo | orif. mm. | Kv* | min. | máx. DC | | máx. AC | | Watt. DC | VA. AC | | | | | |
| | | | | | 6xx | 7xx | 6xx | 7xx | | inr. | hol. | | | | |
| | | 0.8 | 0.5 | 0 | 40 | 50 | 40 | 50 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C308 |
| | | 1.2 | 1.3 | 0 | 30 | 40 | 30 | 40 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C312 |
| | | 1.6 | 1.7 | 0 | 20 | 30 | 20 | 30 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C316 |
| | | 2.4 | 3.5 | 0 | 12 | 18 | 12 | 18 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C324 |
| | | 3.0 | 4.5 | 0 | 6 | 10 | 6 | 10 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C330 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

Serie Q-pistón

| | | 3/2 universal | | | | | | | | | | | | | |
|---------|---------|--|-----|-----------------|---------|-----|---------|----------|-------|------|--------|--------|------|----|--------|
| | | Con bobina 6xx (10W – DC / 21.5/13.5VA – AC) | | | | | | | | | | | | | |
| | | Con bobina 7xx (16W – DC / 43/24VA – AC) | | | | | | | | | | | | | |
| función | símbolo | orif. mm. | Kv* | presiones (bar) | | | | potencia | | | | código | | | |
| | | | | min. | máx. DC | | máx. AC | | Watt. | | VA. AC | | | | |
| | | | | | 6xx | 7xx | 6xx | 7xx | DC | inr. | hol. | | | | |
| | | 0.8 | 0.5 | 0 | 40 | 50 | 40 | 50 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C408 |
| | | 1.2 | 1.3 | 0 | 30 | 40 | 30 | 40 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C412 |
| | | 1.6 | 1.7 | 0 | 20 | 30 | 20 | 30 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C416 |
| | | 2.4 | 3.5 | 0 | 12 | 18 | 12 | 18 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C424 |
| | | 3.0 | 4.5 | 0 | 6 | 10 | 6 | 10 | 10 | 16 | 21.5 | 43 | 13.5 | 24 | Q3C430 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
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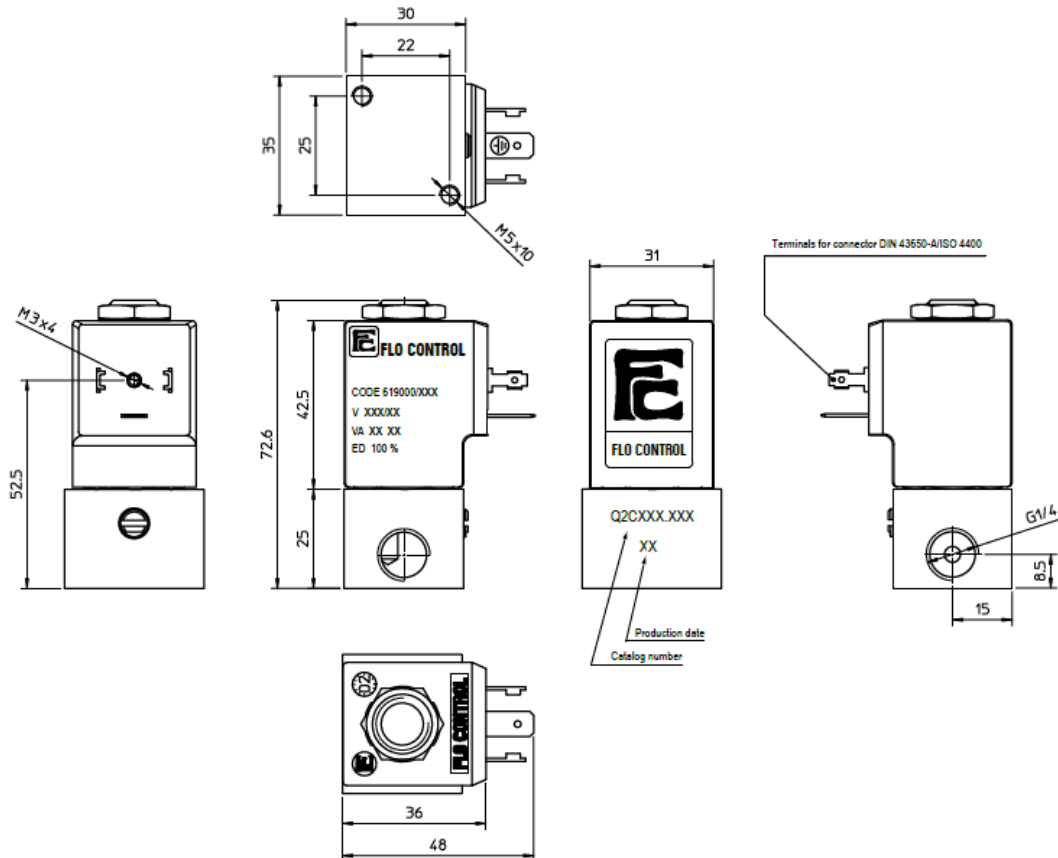
Codificación *Electroválvula mando directo serie Q*

| Q | 2 | C | 1 | 30 | B | B | 1 | 631 |
|-------|--------------------|--|--|--|---------------------------|---|--------------------------------|--------------------|
| Serie | Vías | Conexión | Función | Orificio | Material cuerpo | Material juntas | Mando manual | Voltaje |
| Serie | 2 = 2/2 3 = 3/2 | B = G1/8" T = 1/8"NPT C = G1/4" U = 1/4"NPT | 1 = NC 2 = NA 3 = direccional 4 = universal | 08 = 0.8mm 12 = 1.2mm 16 = 1.6mm 24 = 2.4mm 30 = 3.0mm 40 = 4.0mm 60 = 6.0mm | A = aluminio B = latón | B = NBR V = FPM E = EPDM T = PTFE* | 0 = sin mando 1 = con mando | Ver tablas bobinas |

Serie Q-pistón

Dimensiones

G1/4" - 1/4NPT (cuerpo aluminio y latón)

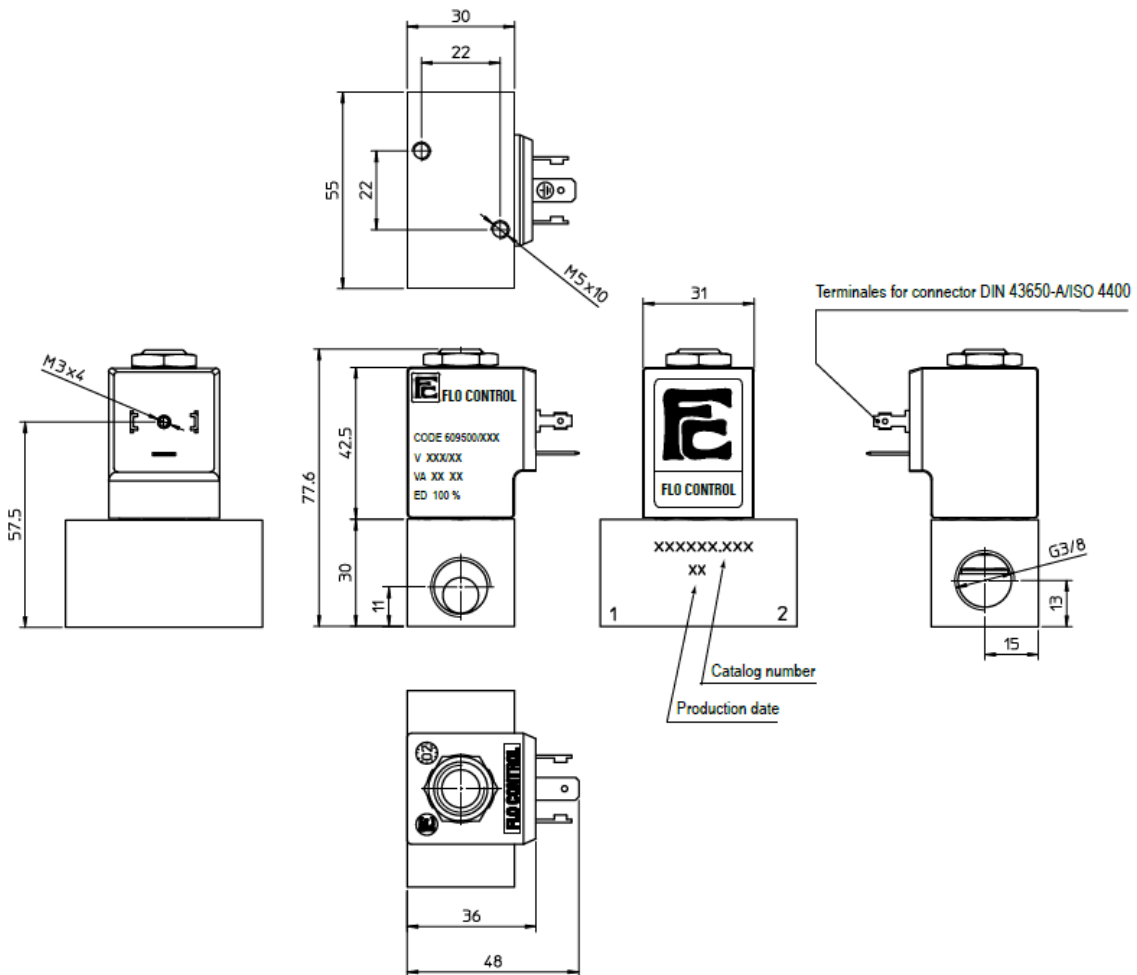


Serie Q-pistón



Dimensiones (cont.) **Electroválvula mando directo serie Q**

G3/8" (Q2D)

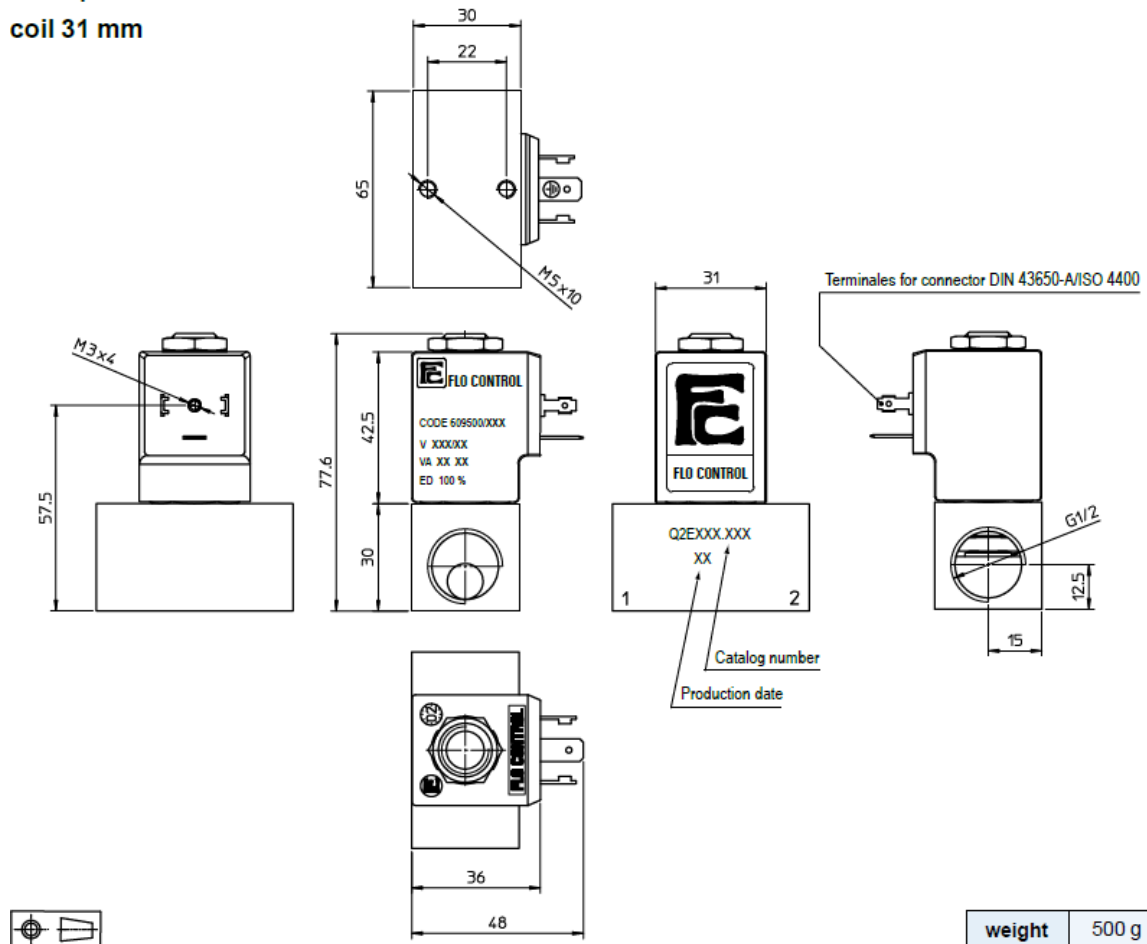


Serie Q-pistón

Dimensiones (cont.) Electroválvula mando directo serie Q

G1/2” (Q2E)

direct operated solenoid valves
coil 31 mm



Bobinas y accesorios Electroválvula mando directo serie Q

| CODIGOS BOBINAS | | | | |
|--|------------|--------|--------|-------|
| FLO CONTROL CODE 609500/XXX V XXX/XX VA XX XX ED 100 % | Voltajes * | Código | | |
| | | ~ 50Hz | ~ 60Hz | = DC |
| | 6 | - | - | Q-661 |
| | 12 | - | - | Q-666 |
| | 24 | Q-611 | Q-644 | Q-671 |
| | 48 | Q-616 | - | Q-676 |
| | 110 | Q-621 | - | Q-681 |
| | 220 | Q-631 | Q-653 | Q-691 |
| | 230 | Q-638 | Q-659 | - |
| | 380 | Q-640 | - | - |

* = otros voltajes bajo demanda.

Nota importante : Lasber, S.A. declina cualquier responsabilidad por imprecisiones en la información detallada en este catálogo.