



Czujniki magnetyczne do siłowników
Sensors for C-slot cylinders

MZ2Q-CSSPSKRO



Nazwa modelu > [MZ2Q-CSSPSKR0](#)

Numer cz ci > [1042239](#)



At a glance

- Magnetic cylinder sensor for pneumatic and hydraulic cylinders with C-slot
- Simple 2-point teach-in procedure
- Detection zone up to 50 mm stroke
- Drop-in mounting from above
- Sensor fully recessed in slot
- Two versions available for Festo and SMC C-slots

Your benefits

- One sensor with two programmable switching points reduces installation time
- Fewer mounting and cabling requirements - saves installation time, mounting space, and money
- Maximum flexibility: programmable detection zone up to 50 mm stroke
- Suitable for precise pneumatic applications due to simple and precise definition of two switching points



Cechy

Sposób przyłączenia:	Cable with plug, M8, 4-pin, with knurled screws, 0,5 m
Wyjście przełączające:	PNP
Output function:	NO
Electrical wiring:	DC 4-żyłowy
Teach-in:	✓
Tryb przełączania:	NO
For SMC cylinder:	✓
For Festo cylinder:	-

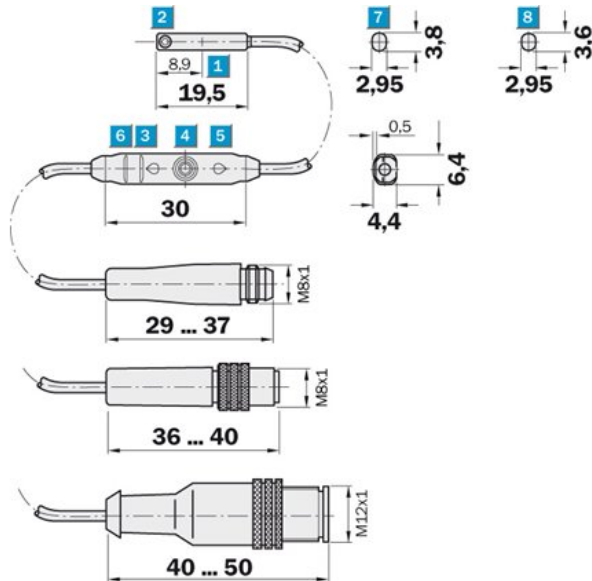
Mechanika/elektronika

Rodzaj zabezpieczenia:	IP 67 ¹⁾
Cylinder types:	C-slot
Cylinder types with adapter:	SMC rail cylinder CDQ2 (C-Slot), SMC rail cylinder ECDQ2 (C-Slot)
Housing length:	19,5 mm
Napięcie zasilania:	12 V DC ... 30 V DC
Pobór prądu:	≤ 15 mA ²⁾
Spadek napięcia:	≤ 2,2 V
Continuous current I _a :	≤ 100 mA
Histereza:	1 mT
Odtwarzalność:	≤ 0,1 mT ³⁾

Kompatybilność elektromagnetyczna::	Zgodna z EN 60947-5-2
Cable material:	PUR
Zabezpieczenie przed zmianą biegunowości:	✓
Zabezpieczenie przed zwarciami:	✓
Tworzywo, obudowa:	Tworzywo sztuczne
Tworzywo, obudowa:	Tworzywo sztuczne
Ambient temperature, operation:	-20 °C ... 75 °C
Shock/vibration stress:	30 g, 11 ms/10 ... 55 Hz, 1 mm
Power-up pulse suppression:	✓
Wymiar gwintu:	M8

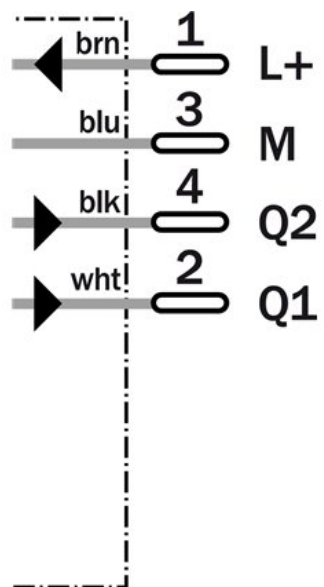
1) According to EN60529 2) Without load 3) Ub and Ta constant

Dimensional drawing



- [1] Centre of sensor element
- [2] Fixing screw
- [3] LED indicator
- [4] Teach-in button
- [5] LED indicator
- [6] Fixing for cable binding
- [7] For SMC/ Bimba cylinder
- [8] For festo cylinder

Connection diagram



Connection type



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