

# Pressure regulator cartridge, series CR1-OX

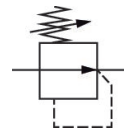
R414010005

Series CR1-  
OX

2024-01-10

## Series CR1-OX

Pressure regulator cartridge, Series CR1-OX.



## Technical data

Industry	Industrial
Type	Diaphragm-type valve
Regulator function	Without relieving exhaust
Mounting orientation	Any
Pressure supply	Cartridge
Certificates	ASTM G-93 RoHS Conforms with REACH
Min. working pressure	0.2 bar
Max. working pressure	10 bar
Min. regulation range	0.2 bar
Max. regulation range	2 bar
Min. ambient temperature	-5 °C
Max. ambient temperature	50 °C
Min. medium temperature	-5 °C
Max. medium temperature	50 °C
Medium	Oxygen Compressed air Neutral gases
Nominal flow Q <sub>n</sub>	250 l/min

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Weight	0.05 kg
Housing material	Aluminum
Surface housing	anodized
Seal material	Fluorocarbon caoutchouc
Material guide insert	Polyphenylene sulfide
Material cartridge	Polyarylamide
Material valve guide	Polyphenylene sulfide
Material diaphragm	Fluorocarbon caoutchouc
Part No.	R414010005

## Technical information

Oil and grease-free, non-volatile residue <33mg/m<sup>3</sup>

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

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## Cartridge

