

ActiveLine



Innovative Vacuum Measurement!

Capacitive Transmitter CMR/CCR.

PFEIFFER  **VACUUM**

Capacitive diaphragm gauge for ActiveLine

Advantages at a glance

- ▶ Ceramic technology sensor:
 - No memory effect
 - No wear off
 - Used materials come with identical temperature coefficient – excellent temperature compensation
 - Resistance to corrosive gases
 - Long life time
 - Un-effected by air inrush – additional shut off valve not necessary
- ▶ Innovative signal processing:
 - Broadened measurement range down to 10^{-5} mbar
 - Improved temperature compensation
 - Excellent zero stability
- ▶ Drop in replacement for predecessor Pfeiffer Vacuum products
- ▶ Output signal 0–10 V with integrated error signal
- ▶ Pressure reading independent of gas type



Order numbers

Type	Flange	Measurement range		Accuracy	Order numbers
		max.	min.		
CMR 361	Tube AD 1/2"	1,100 mbar	10^{-1} mbar	0.2 % of reading	PT R24 600
CMR 361	DN 16 ISO-KF	1,100 mbar	10^{-1} mbar	0.2 % of reading	PT R24 601
CMR 361	DN 16 CF-R	1,100 mbar	10^{-1} mbar	0.2 % of reading	PT R24 602
CMR 361	Cajon8 VCR	1,100 mbar	10^{-1} mbar	0.2 % of reading	PT R24 603
CMR 362	Tube AD 1/2"	110 mbar	10^{-2} mbar	0.2 % of reading	PT R24 610
CMR 362	DN 16 ISO-KF	110 mbar	10^{-2} mbar	0.2 % of reading	PT R24 611
CMR 362	DN 16 CF-R	110 mbar	10^{-2} mbar	0.2 % of reading	PT R24 612
CMR 362	Cajon8 VCR	110 mbar	10^{-2} mbar	0.2 % of reading	PT R24 613
CMR 363	Tube AD 1/2"	11 mbar	10^{-3} mbar	0.2 % of reading	PT R24 620
CMR 363	DN 16 ISO-KF	11 mbar	10^{-3} mbar	0.2 % of reading	PT R24 621
CMR 363	DN 16 CF-R	11 mbar	10^{-3} mbar	0.2 % of reading	PT R24 622
CMR 363	Cajon8 VCR	11 mbar	10^{-3} mbar	0.2 % of reading	PT R24 623
CMR 364	Tube AD 1/2"	1.1 mbar	10^{-4} mbar	0.2 % of reading	PT R24 630
CMR 364	DN 16 ISO-KF	1.1 mbar	10^{-4} mbar	0.2 % of reading	PT R24 631
CMR 364	DN 16 CF-R	1.1 mbar	10^{-4} mbar	0.2 % of reading	PT R24 632
CMR 364	Cajon8 VCR	1.1 mbar	10^{-4} mbar	0.2 % of reading	PT R24 633
CMR 365	Tube AD 1/2"	0.11 mbar	10^{-5} mbar	0.5 % of reading	PT R24 640
CMR 365	DN 16 ISO-KF	0.11 mbar	10^{-5} mbar	0.5 % of reading	PT R24 641
CMR 365	DN 16 CF-R	0.11 mbar	10^{-5} mbar	0.5 % of reading	PT R24 642
CMR 365	Cajon8 VCR	0.11 mbar	10^{-5} mbar	0.5 % of reading	PT R24 643

Note:

Also available as CCR 361...365 with pressure reading in Torr, interface 0–10 V, D-Sub 15 pin



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