

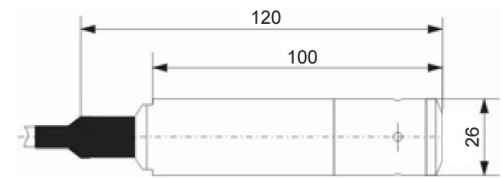


Relative pressure sensor CNR serie

Relative pressure sensor – CNR serie	
Features	
Measuring range	1 2 5 10 20 50 100 200 mH ₂ O
Pressure	Relative - Gage
Overpressure	1,5 x FS
Certification	CE / ROHS / ACS
Response	<10ms (10% ~ 90%)
Output Signal	4 ~ 20 mA
Supply voltage	Min 15 – Max 30 VDC
Cable size	Ø7.5mm, available in 5, 10, 15, 20, 25, 40 and 60 m
Operating Temperature	Normal : -10 ... 80°C Maxi : -40... 100°C (Stockage)
Housing	Diaphragm : Std : SS 316L Corps : SS 321 : ICr18Ni9Ti
Dimensions	Ø26 x 120mm
Weight (CNR0001-A2-05)	904g
Atmospheric pressure aerator	Integrated Ø28MM- LG80MM E/S in M16x1.5 and M20x1.5



CNR sensor



Test condition : 25°C / 50%RH

P/N	Typ	Max.	Units
Accuracy	±0,3	±0,5	%FS
Linearity	±0,25	±0,5	%FS
Repeatability	±0,1	±0,15	%FS
FS thermal error	±0,75	±1,0	%FS
Compensate d temp range	0 ~ 50		°C
Stability	±0,2	±0,3	%FS/ an

Part number	Relative pressure sensor
CNR0001-A2-05	[0-1mH ₂ O] INOX - IP68 4-20mA - Cable 5m
CNR0001-A2-10	[0-1mH ₂ O] INOX - IP68 4-20mA - Cable 10m
CNR0002-A2-05	[0-2mH ₂ O] INOX - IP68 4-20mA - Cable 5m
CNR0002-A2-10	[0-2mH ₂ O] INOX - IP68 4-20mA - Cable 10m
CNR0005-A2-10	[0-5mH ₂ O] INOX - IP68 4-20mA - Cable 10m
CNR0005-A2-15	[0-5mH ₂ O] INOX - IP68 4-20mA - Cable 15m
CNR0010-A2-15	[0-10mH ₂ O] INOX IP68 4-20mA - Cable 15m
CNR0010-A2-20	[0-10mH ₂ O] INOX IP68 4-20mA - Cable 20m
CNR0010-A2-30	[0-20mH ₂ O] INOX IP68 4-20mA - Cable 25m
CNR0020-A2-25	[0-20mH ₂ O] INOX IP68 4-20mA - Cable 40m
CNR0020-A2-40	[0-20mH ₂ O] INOX IP68 4-20mA - Cable 40m
CNR0030-A2-60	[0-30mH ₂ O] INOX IP68 4-20mA - Cable 60m
CNR0050-A2-60	[0-50mH ₂ O] INOX IP68 4-20mA - Cable 60m
Different sensor models are available on demand :	
- Other measuring ranges and cable length	
- CNRT sensors with pressure and temperature, 4-20mA output	