

Digital Pressure Switch NP Series

Pressure unit conversion table

From \ To	kPa	kgf/cm	mmHg	psi	bar	inHg
1 MPa	1000	0.010197	7.500616	0.145038	0.010000	0.2953
1 kPa	1	0.010197	7.500616	0.145038	0.010000	0.2953
1 kgf/cm ²	98.0665	1	735.559	14.2233	0.980665	28.95979
1 mmHg	0.13332	0.0013595	1	0.019336	0.0013332	0.039370
1 psi	6.895	0.07031	51.7157	1	0.06895	2.036074
1 bar	100.0000	1.01972	750.062	14.5038	1	29.52998
1 inHg	3.386388	0.034530	25.40000	0.491141	0.033863	1

Zero calibration

In < Run Mode >, when the home screen display is not zero
Press the  and  keys at the same time until the home screen displays zero, then release the key to complete the zero calibration operation.

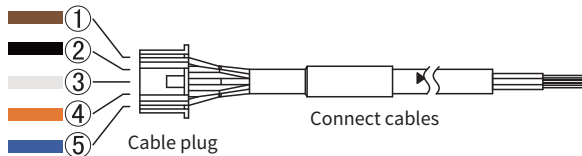


Matters needing attention

- ① When pressing the  and  keys to clear, check whether there is an air source input, and it must be cleared when there is no air source input.
- ② After modifying the parameters, press the  key to save them; otherwise, they will be lost after power failure

Connection mode

Use matching cables. Do not pull cables too hard.



Cable plug	Connection definition (001/002/003)	Connection definition (010/011/012/020/021)	Connection definition (030/031)
① brown	DC+	DC+ (Positive source)	DC+
② black	OUT1	OUT1 (Switching output 1)	OUT1
③ white	OUT2	OUT2 (Switching output 2)	485A
④ orange		AIO (Switching output)	485B
⑤ blue	DC-	DC- (Negative source)	DC-

Product size (mm)

