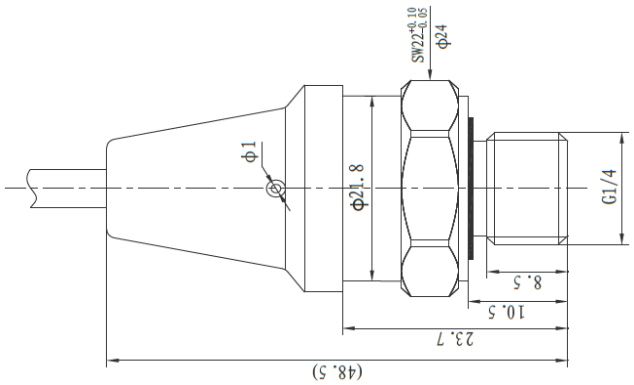
PEWA3401 vs PEWA3403

	PEWA3401	PEWA3403	Note
Accuracy	+/- 1.0% FS within compensated temperature range		Same
Overpressure	2×FS		
Power supply	3.3V±0.2V DC / 5V±0.2V DC / 10V ~ 28V DC		
Output signal	0.5V ~ 2.5VDC/0.5V ~ 4.5VDC/4mA ~ 20mADC		
Compensated temp.	0℃ ~ 70℃		
Storage temp.	-20℃ ~ 100℃		
Insulation resistance	⩾100MΩ @250VDC		
Body material	Stainless Steel 304		
O-Ring material	NBR		
Sensor material	Stainless Steel 17-4PH		
Electrical connection	Red - Power supply（+V）; Black-Grounding（GND）; Green-Output（+OUT）		
Protection class	IP67		
Cable	Φ5.1 mm Polyethylene special cable with three cores（without airway tube）	Φ 5 mm Polyethylene special cable with three cores（with airway tube）	3401 cable has no airway tube. 3403 cable has airway tube.
Pressure range	0MPa ~ 0.6/1/1.6/2MPa	0MPa ~ 0.6/1/1.6/2/2.5/5MPa	3403 has more pressure ranges. 2.5MPa and 5MPa
Circuit protection	Single layer PCB（No anti-reverse and surge protection）	Double layer PCB（With anti-reverse and surge protection）	3403circuit is better protected.
CE certification	no	yes	3403 has CE certification

Outline construction		Outline construction is the same, but with different air conduction methods for gauge. 3401 uses φ1 hole on body. 3403 uses airway tube in the cable. There is a same φ1 hole on body, which is solid and non-ventilated.

Summary	1. The products have the same outlook, but different air conduction methods. 2. PEWA3403 has CE certification, including contact discharge 4KV, air discharge 8KV, 1KV 1.2/50us surge and other protection tests, see CE certification test report for details. PEWA3401 has no circuit protection design. 3. The assembling inside is different, but there is no impact to outlook of product. 4. From technical view, PEWA3403 is succession version or upgraded version of PEWA3401, which can be replaced completely.

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