

Blanes

PRESSURE SOLUTIONS



Liquid-Filled Pressure Gauges Series AK410

These rugged low cost pressure gauges bring an enhanced durability to the throw-away gauge market.

The combination of stainless steel case, polycarbonate windows and glycerine filling enables the gauges to provide extended life, even in chemical, mining and marine environments, on applications such as pumps, compressors and hydraulic power packs, while remaining sufficiently low cost for pneumatic applications like control valve positioners.

Specification:

Ranges: 100 kPa to 60 MPa
(25 MPa on 40 mm)

Accuracy: 1,6%

Bezel: Rolled 304SS

Case: 304SS, glycerine filled.

Connection: Brass, two-piece

Dial: Black figures on white background.

Movement: Brass

Pointer: Black aluminium

Seals: Nitrile.

Temperature Limit: 60°C

Tube: Bronze.

Window: Polycarbonate.



Table 1 Series Type	AK41		-				-			
	Description									Code
	Liquid Filled Pressure gauge with 304 stainless steel case, and brass or bronze internals									AK41

Table 2 Mounting	AK41	5	-				-			
	Description									Code
	Surface Mount, Back Flange Bottom Entry									1
	Direct Mounting Bottom Entry									2
	Direct Mounting Centre Back Entry									5
Panel Mount Front Flange Rear Entry U-clamp fixing									4	

Table 3 Dial Size	AK41	5	-	0	4	0	-			
	Description									Code
	40mm (1½")									040
	50mm (2")									050
	63mm (2½")									063
100mm (4")									100	

Table 4 Thread Type	AK41	5	-	0	4	0	-	R		
	Description									Code
	BSP Parallel (ISO228/1 – G)									B
	NPT									N
BSP Taper (ISO 7/1– R)									R	

Table 5 Thread Size Maximum in <100mm dial is ¼".	AK41	5	-	0	4	0	-	R	1	
	Description									Code
	⅛" (6mm)									1
	¼" (8mm)									2
	⅜" (10mm) 100mm dial size only									3
½" (15mm) 100mm dial size only									4	

Imported by
Blanes Pressure Solutions CC
P.O. Box 3357, Benoni 1500 South Africa
169, Elston Ave, Western Extension.
Benoni, 1501, Gauteng, South Africa
Phone 422-1749/1840 Fax 421-5379
Dial code international +2711 local 011
E-mail: rod@pressuresolutions.co.za
Web: www.pressuresolutions.co.za

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