




GENERAL	1	Tag Number		ZP-PI-1970-1, ZP-PI-1970-2, ZP-PI-1970-3, ZP-PI-1970-4, ZP-PI-2970-1, ZP-PI-2970-2, ZP-PI-2970-3, ZP-PI-2970-4		
	2	Service		Distance piece pressure		
	3	P&ID No.		18694-03		
	4	Location		Compressor distance piece		
	5	Ingress Protection		IP65		
	6					
	7					
	8					
PROCESS CONDITIONS	9	Fluid	State		Nitrogen Gas	
	10	Pressure	Norm.	Max.	1,5 bar(g) 3 bar(g)	
	11	Temperature	Norm.	Max.	50°C 60°C	
	12	Design	Press.	Temp.	6 bar(g) 75°C	
	13	Ambient Temp.	Min.	Max.	-20 °C 40 °C	
	14					
	15					
	16					
GAUGE	19	Type		Bourdon tube		
	20	Range	Unit		0...6 bar(g)	
	21	Mounting		Panel mounted, with front flange		
	22	Dial Size	Dial Color		100 mm White. Black numbers	
	23	Case Material		SS 316		
	24	Ring Construction	Ring Material		Bayonet SS 316	
	25	Blow-Out Protection		Yes @ Back		
	26	Lens Material		Shatterproof laminated safety glass		
	27	Pressure Element Material		SS 316		
	28	Socket Material		SS 316		
	29	Connection Size		1/2" NPT-M		
	30	Connection Location		Bottom back		
	31	Movement Material		SS 316		
	32	Nominal Accuracy		±1,0 % of span		
	33	Gauge Filling		Glycerine		
	34	Over Range Protection		1,3 x full scale value		
	OPTIONS	35				
		36				
37						
38		Snubber	Material		Yes SS316	
39		Gauge Savers	Material		N/A N/A	
40		Manifold (Block & Bleed)		No		
CERTIFICATES	41	Block valve (Hand ball valve)		No		
	42					
	43					
	44					
	45	Calibration certificate		Yes		
PURCHASE	46	3.1 Material certificate		Yes		
	47					
	48					
PURCHASE	49					
	50					
	51	Manufacturer		Wika		
	52	Model		233.50		
	53					
54						
55						
56						
57						

NOTES :

08	LK	6-2-2025	For Approval	INSTRUMENT AND VALVE DATASHEET Pressure Gauge 	 
07	LK	20-1-2025	For Approval		
06	LK	24-9-2024	For Approval		
05	LK	3-9-2024	For Approval		
03	LK	25-7-2024	For Approval		
03	TT	27-7-2023	For Approval		
Rev	By	Date	Description	Sheet 10 of 51	Based on P&ID Rev.17