

Designing Data

- Media Temperature : -269°C/+400°C
- Pressure rating : Standard 0-250bar
- Body material : 1.4571
- Ambient temperature : -65°C/+95°C
- Weight : approx. 0,77kg

SENSOR TIP

General Data

- V-shaped tip for level measurement (High and/or low alarm)
- Measuring accuracy : ±0,5mm
- Light guide : Quartz
- Installation position : as required with performance horizontally

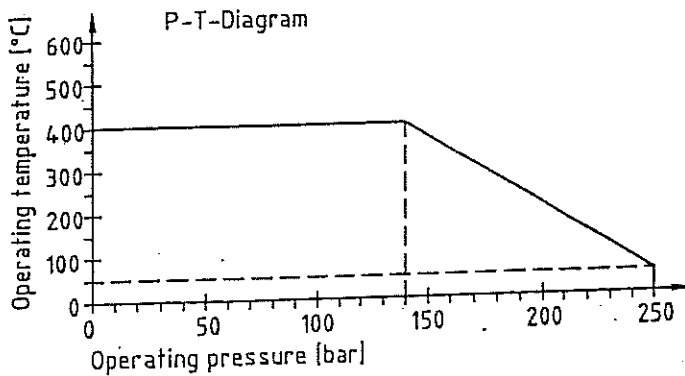
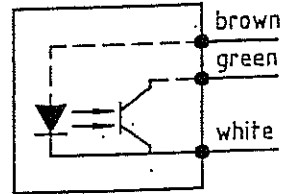
Electrical Data

- protection to EN 60529 : IP65

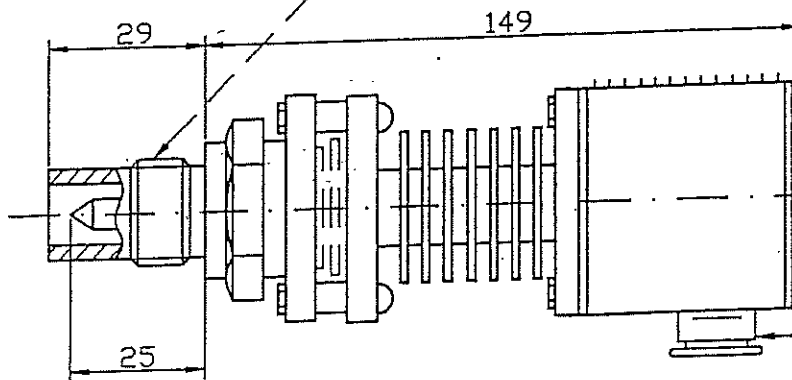
Remarks:

- The PAW transducers 720.1...06XX have to be used with the amplifiers 720.1...0250

Connection diagram:



	X	Y
1:	1/2" NPT	1: 1/2" NPT
2:		



SAMOTEC Sàrl
Ch. de la Source, 42
1296 COPPET
Switzerland

Type: 720.111300000.0669
Ordernumber: 256941

TAG-Nr.: 18LBS10CLOOL, SPARE

				Parts list example:		1KHZ 201869 P11	
Znd.		Znd.		Gezeichnet	00-02-23 MR	vA	Messstab
				Gepüft.	00-02-23 EC		
				Normgeprüft	00-02-23 FD		
				Freigegeben	00-02-23 FD		
Ohne sep. Stückliste <input type="checkbox"/>			Auftrags-Nr.			Anzahl Blatt	Blatt-Nr.
Sep. Stückliste gleicher Nr. <input type="checkbox"/>			Ursprung				
Sep. Stückliste anderer Nr. <input type="checkbox"/>			Sach-Nr.				
Benennung			Optoelectronic liquid level limit transducer 400°C			Zeichnungs-Nr. AE-103	

Electronic amplifier

Type 720.1..0250 - Standard design

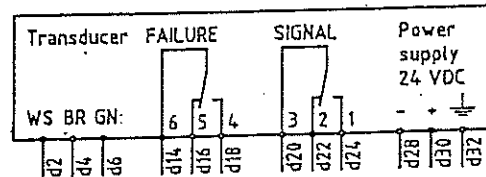
Functions

- Separate indication for WET and DRY
- Setting of the alarm safety direction with associated coding of the LED-Function (blinking)
- Transducer monitoring : fail-safe
- (cable and components)
- Test facility for the PC-board
- Delay time switchable

Design Data

- Ambient temperature : -40°C / +40°C
- Makrolon-housing

Connection Diagram

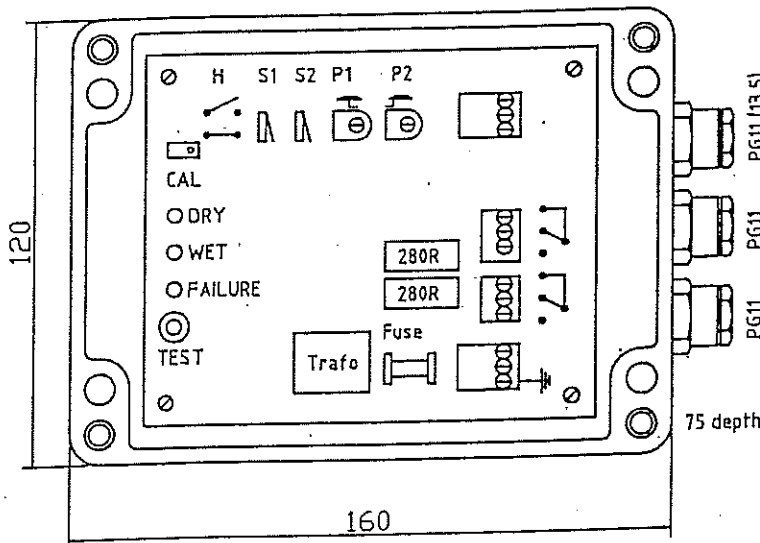


Functions

- Plastic housing with transparent cover
- PC-Board connect. : terminal block
- Protection to EN60529 : IP65
- weights : approx. 0.60 Kg

Electrical Data

- Power supply : 24 VDC
- 720-1---without galvanic isolation.
- Relay contacts:
 - 1x SPOT : Signal
 - 1x SPOT : Failure
- Max. Rating voltage : 250 V~
- Max. rating current : 4A/cosφ ≥ 0,7
- Delay time for relay turn-on/Release : adjustable 0 to 8 sec.



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TAG-Nr.:
 18LBSLOC001, SPARE

Ordering No: 720.160217000.0250

Parts list exemple:		1	Level limit switch	1KHZ 201880		
And.		And.	Gezeichnet	00-02-25 MR	Messstab	
			Gepüft	00-02-25 EC		
			Normgeprüft	00-02-25 FD		
			Freigegeben	00-02-25 FD		
Ohne sep. Stückliste <input type="checkbox"/>		Auftrags-Nr.		Anzahl Blatt	Blatt-Nr.	
Sep. Stückliste gleicher Nr. <input type="checkbox"/>		Ursprung				
Sep. Stückliste anderer Nr. <input type="checkbox"/>		Sach-Nr.	Ersatz für	Zeichnungs-Nr.		
Wisag		Benennung Controller for opto electronic level switch			A7-105	