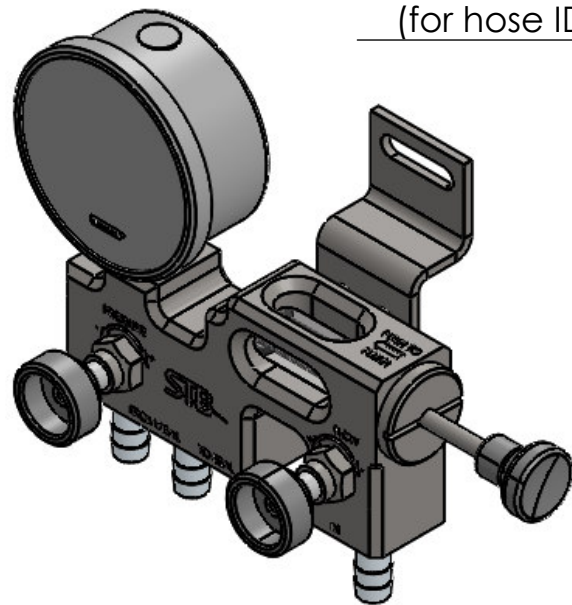




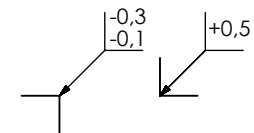
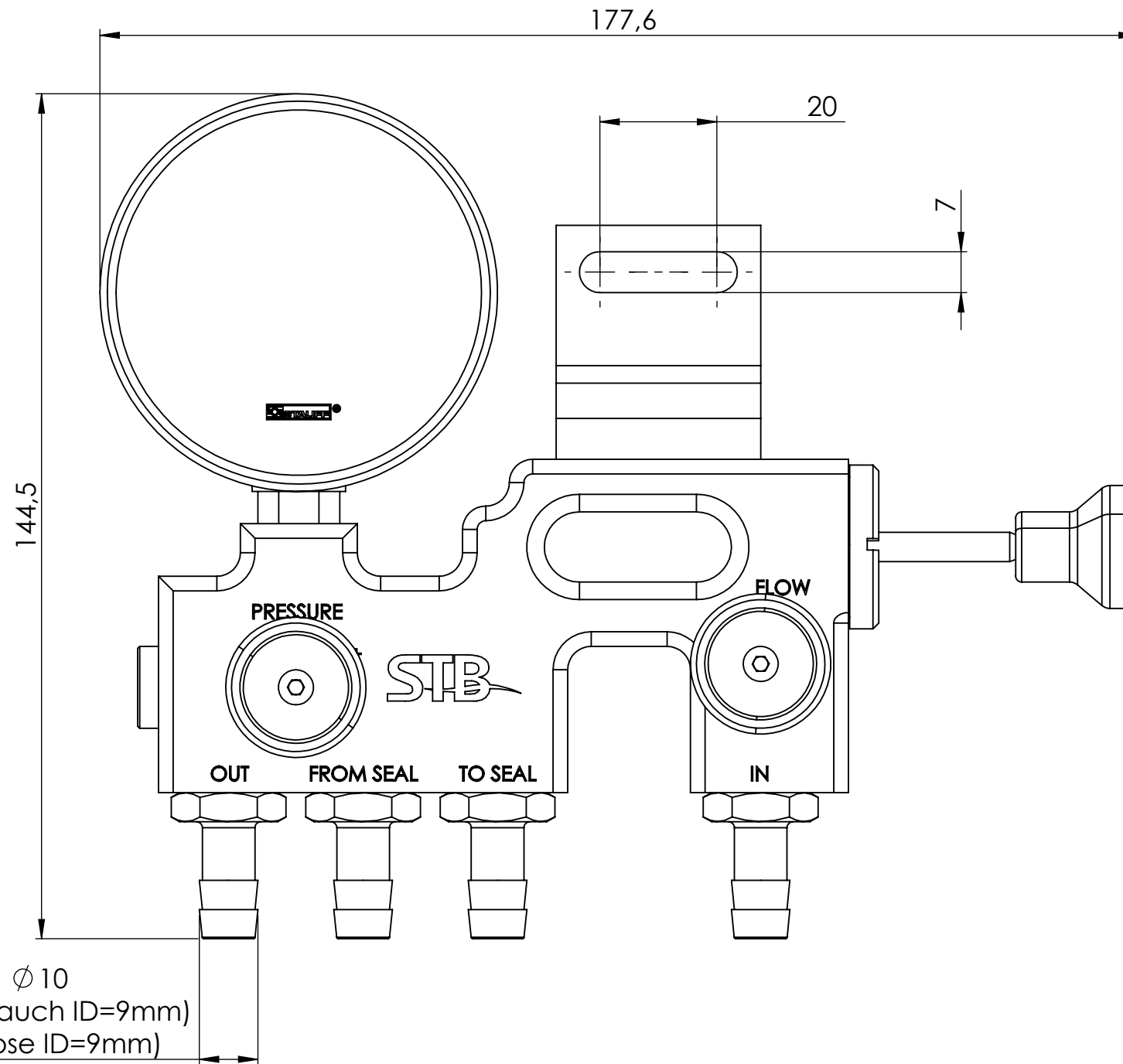
Flowmeter DRAB



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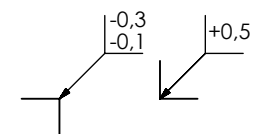
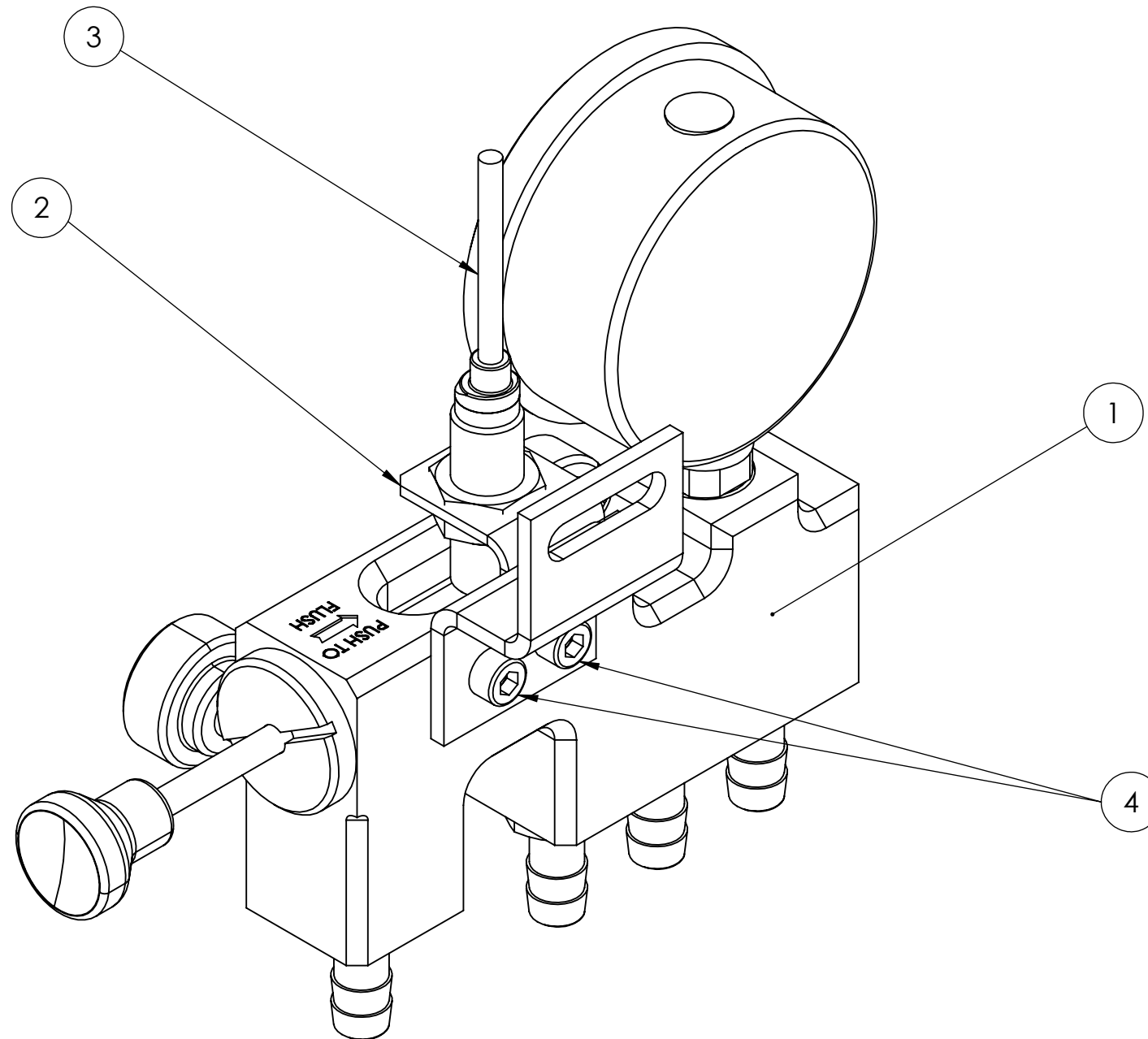


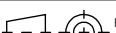
Ø 10
(für Schlauch ID=9mm)
(for hose ID=9mm)



Datum: date:	ÄNDERUNG: modification:	Toleranzen / tolerances: DIN ISO 2768-mK-E	ZEICHNUNG NICHT SKALIEREN Do not scale drawing	 Projektionsmethode 1 projection methode 1	Revisionsnr.: revision No.:
		WENN NICHT ANDERS DEFINIERT: BEMASSUNGEN SIND IN MILLIMETER / if not other defined, dimensions are in mm	ARTIKELNUMMER / item number: 15171949		
		GEZEICHNET/drawn Mantzke 29.04.2020	BENENNUNG / designation: DRAB-226		
		GEPRÜFT/examined	ZEICHNUNGSNUMMER / drawing number: 15171949-2		
		GENEHMIGT/approved	A3		
		QUALITÄT/quality			
		WERKSTOFF/material:			
		GEWICHT/weight: "SW-Mass@@Standard@15171949-2@STB-226@ASM" g	BLATT/page 1 VON/of 1		

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				Datum: date:	ÄNDERUNG: modification:	Toleranzen / tolerances: DIN ISO 2768-mK-E		ZEICHNUNG NICHT SKALIEREN Do not scale drawing		 Projektionsmethode 1 projection methode 1	Revisionsnr.: revision No.:		
				29.04.2020	Schraubenlänge geändert								
4	Zylinderschraube M5x10	A4	2			WENN NICHT ANDERS DEFINIERT: BEMASSUNGEN SIND IN MILLIMETER / if not other defined, dimensions are in mm		ARTIKELNUMMER / item number: 15173767					
3	Sensor DRAB	Messing	1					BENENNUNG / designation: DRAB-226 + Sensor					
2	Winkelblech	1.4301	1										
1	DRAB-226	-	1			ZEICHNUNGSNUMMER / drawing number: 15173767-1				A3			
Position / position	Bezeichnung / designation	Material / material	Menge / quantity					WERKSTOFF/material:					
								MASSSTAB/scale:1:1		BLATT/page 1 VON/of 1			



Measuring device for controlling and monitoring of mechanical seals

By using of a flowmeter could be ensured that the double acting seals operate correctly under all conditions.

Additionally, a maximal lifetime cycle can reach with the application of a flow meter.

With a flow meter the pressure and the flow can be adjust optimally, that a best possible operability of the mechanical seal in the process can realized.

Normal Process

- all preset system values be constant
- There is no pressure drop
- Flow stays constant
- The flowmeter disposes a inductive sensor, which sends an alarm signal in case of errors

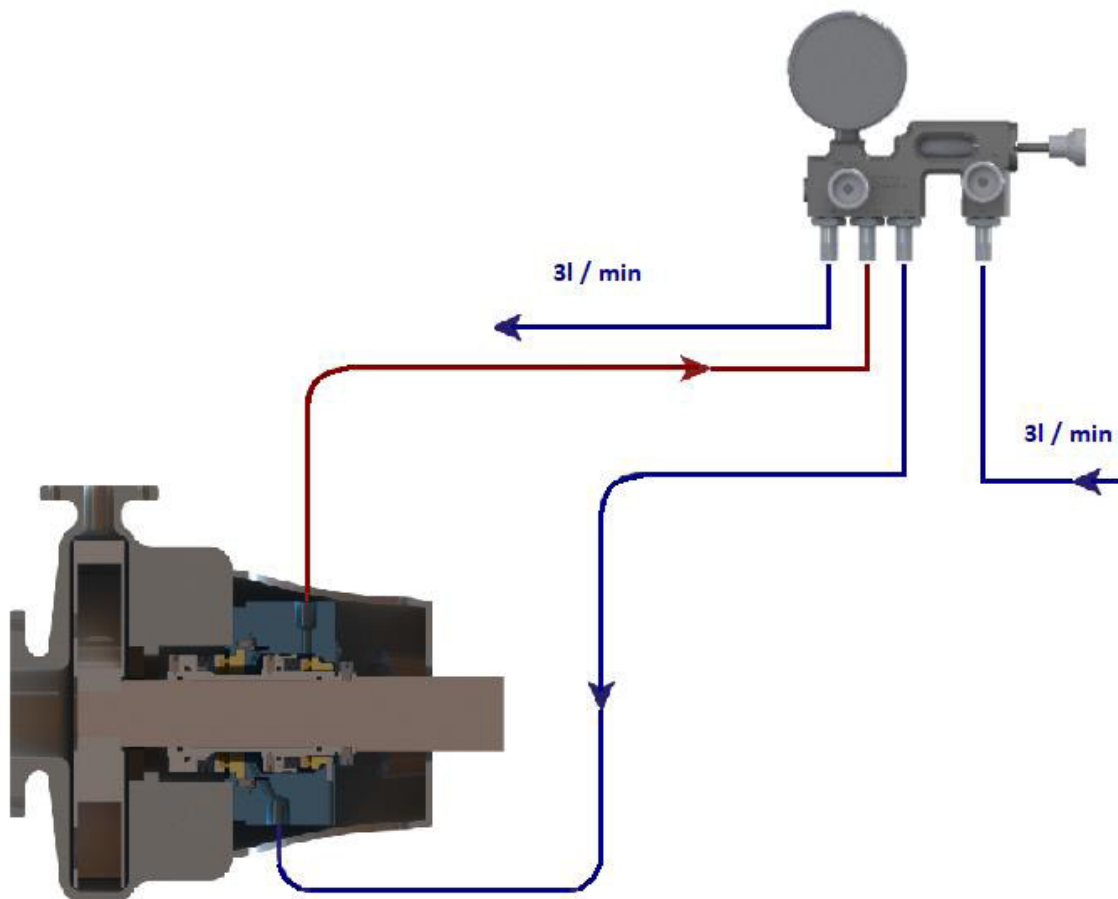


Figure 1 Normal Process

Defective Process

- The pressure drops
- The flow rises
- Leakages in the system can recognize and removed fast because of the changed parameters

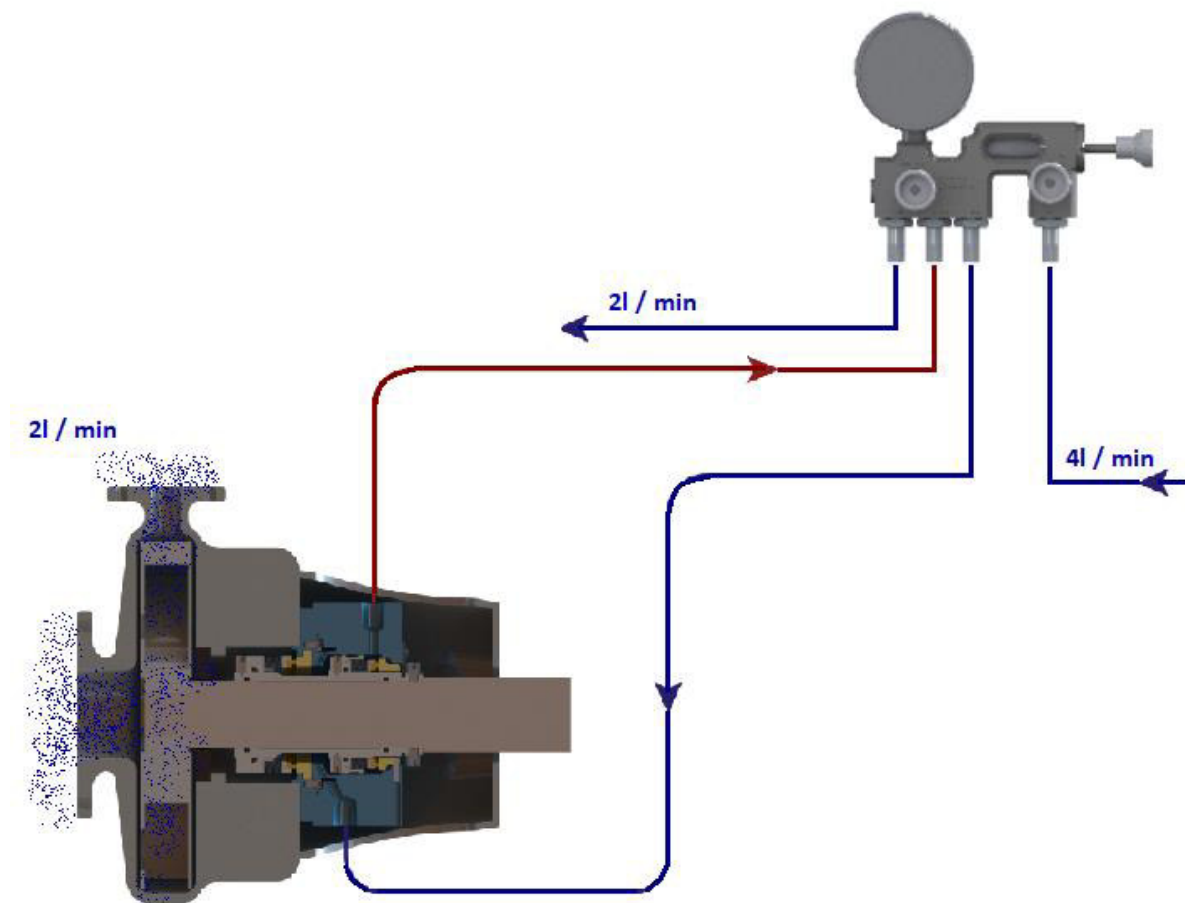


Figure 2 Failure Process

Components of the flow meter

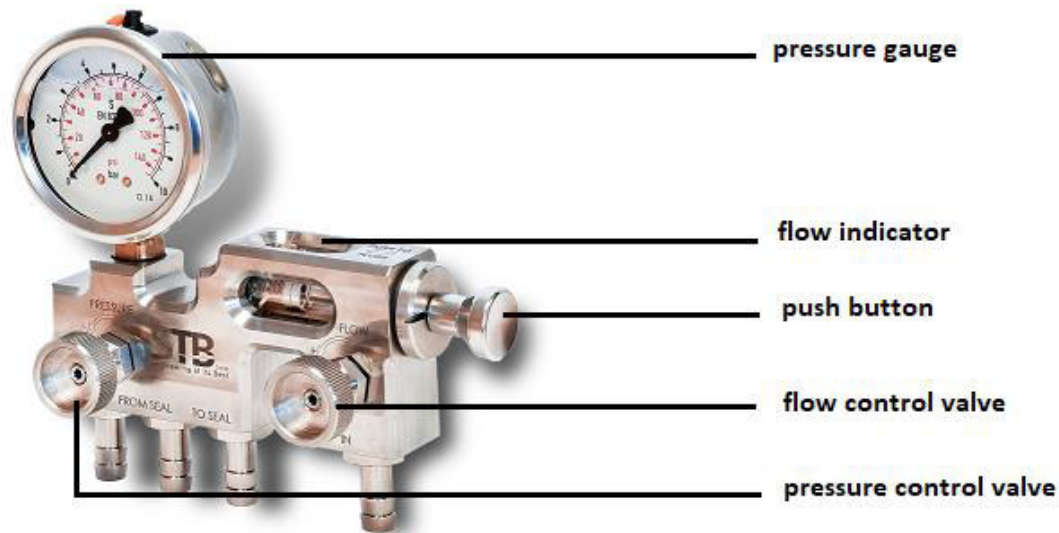


Figure 3 Parts of Flowmeter DRAB

The manageable design of the flow meter allows easy operation for the user.

- | | |
|------------------------|--|
| Push button | -> Rinse + clean the flow indicator |
| Flow control valve | -> regulates the volume flow of the locking medium |
| Pressure control valve | -> optional back pressure adjustment for use with double-acting sliding ring seals |
| Flow indicator | -> easy reading of volume flow using a scale |
| Pressure gauge | -> analog display for reading the print |

Further Configurations:

On demand the flowmeter DRAB can be delivered with an inductive sensor for the flow measuring.

While commissioning of a flowmeter with inductive sensor, the following circuit diagram must observe!

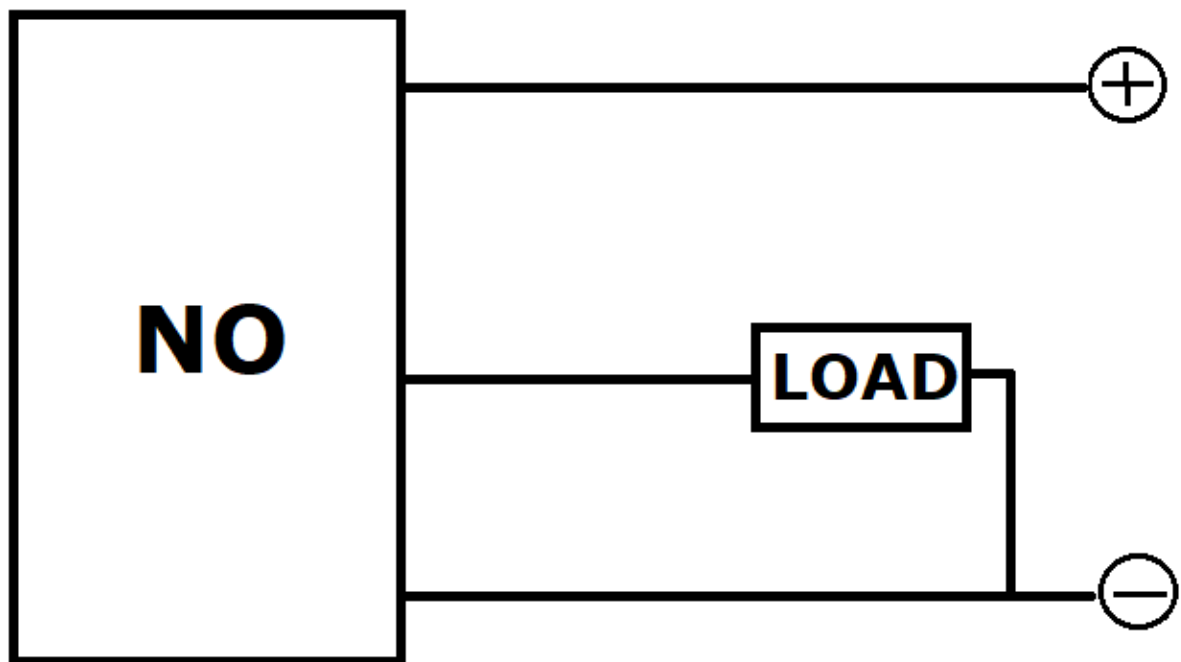


Figure 4 Inductive Sensor Circuit Diagram