

Switching values für overpressure leak detectors for tanks, type DL ...

Type	Max. pressure of the low point of the tank [mbar]	Alarm ON [mbar]	Pump OFF [mbar]	Opening pressure overpressure valves		Minimum test pressure of the interstitial space [mbar]
				ÜDV1 [bar]	ÜDV2 [bar]	
DL 50	20	> 50	< 100	170 ± 20		≥ 200
DL 100	70	> 100	< 150	220 ± 20		≥ 250
DL 290	260	> 290	< 350	420 ± 20		≥ 450
DL 330	300	> 330	< 410	465 ± 20		≥ 500
DL 400	370	> 400	< 500	565 ± 20		≥ 600
DL 450	420	> 450	< 510	265 ± 20		≥ 600
DL 590	560	> 590	< 700	750 ± 30		≥ 850
DL 750	720	> 750	< 850	940 ± 30		≥ 1000
DL 1000	970	> 1000	< 1400	1550 ± 50		≥ 1750
DL 1100	1070	> 1100	< 1450	1580 ± 70		≥ 1820
DL 1500	1450	> 1500	< 1900	2100 ± 50		≥ 2350
DL 2000	1950	> 2000	< 2400	2650 ± 50		≥ 2950
DL 2300	2250	> 2300	< 2770	3100 ± 100		≥ 3500
DL 2500	2450	> 2500	< 2900	3200 ± 50		≥ 3550
DL 3000	2950	> 3000	< 3400	3750 ± 50		≥ 4150

The switch value "Alarm OFF" is approx. 15 mbar higher than the switch valve "Alarm ON" for pressure stages < 1000
The switch value "Alarm OFF" is approx. 100 mbar higher than the switch valve "Alarm ON" for pressure stages < 1000

The switch value "Pump ON" is approx. 15 mbar lower than the switch valve "Pump OFF" for pressure stages < 1000
The switch value "Pump ON" is approx. 100 mbar higher than the switch valve "Pump OFF" for pressure stages < 1000

Switching values für overpressure leak detectors for tanks, type DLG ...

Type	Max. pressure of the low point of the tank [mbar]	Alarm ON [mbar]	Refill OFF [mbar]	Opening pressure overpressure valves ÜDV1 [bar]	Opening pressure overpressure valves ÜDV2 [bar]	Minimum test pressure of the interstitial space [mbar]	Set pressure of the pressure reducer [mbar]
DLG 50	20	> 50	< 100	170 ± 20	600 ± 50	≥ 200	200
DLG 100	70	> 100	< 150	220 ± 20	650 ± 50	≥ 250	250
DLG 290	260	> 290	< 350	420 ± 20	850 ± 50	≥ 450	450
DLG 330	300	> 330	< 410	465 ± 20	900 ± 50	≥ 500	500
DLG 400	370	> 400	< 500	565 ± 20	1000 ± 50	≥ 600	600
DLG 450	420	> 450	< 510	265 ± 20	1000 ± 50	≥ 600	600
DLG 590	560	> 590	< 700	750 ± 30	1250 ± 100	≥ 850	850
DLG 750	720	> 750	< 850	940 ± 30	1500 ± 100	≥ 1000	1000
DLG 1000	970	> 1000	< 1400	1550 ± 50	2700 ± 100	≥ 1750	1800
DLG 1100	1070	> 1100	< 1450	1580 ± 70	2400 ± 100	≥ 1820	1850
DLG 1500	1450	> 1500	< 1900	2100 ± 50	3400 ± 100	≥ 2350	2400
DLG 2000	1950	> 2000	< 2400	2650 ± 50	4200 ± 100	≥ 2950	3000
DLG 2300	2250	> 2300	< 2770	3100 ± 100	4800 ± 200	≥ 3500	3500
DLG 2500	2450	> 2500	< 2900	3200 ± 50	5000 ± 100	≥ 3550	3600
DLG 3000	2950	> 3000	< 3400	3750 ± 50	6000 ± 100	≥ 4150	4200

The switch value "Alarm OFF" is approx. 15 mbar higher than the switch valve "Alarm ON" for pressure stages < 1000
The switch value "Alarm OFF" is approx. 100 mbar higher than the switch valve "Alarm ON" for pressure stages < 1000

The switch value "Refill ON" is approx. 15 mbar lower than the switch valve "Refill OFF" for pressure stages < 1000
The switch value "Refill ON" is approx. 100 mbar lower than the switch valve "Refill OFF" for pressure stages < 1000

Switching values für overpressure leak detectors for pipes, type DLR-G ...

Type	Max. operating pressure in the inner pipe [bar]	Alarm ON [bar]	Refill OFF [bar]	Opening pressure overpressure valves		Set pressure of the pressure reducer [bar]	Minimum test pressure of the interstitial space [mbar]
				ÜDV1 [bar]	ÜDV2 [bar]		
DLR-G 1	Drucklos	> 1	< 2	2,80 ± 0,15	6,50 ± 0,20	2,5	> 3,4
DLR-G 2	< 1	> 2	< 3	3,80 ± 0,20	7,50 ± 0,20	3,5	> 4,5
DLR-G 3	< 2	> 3	< 4	4,80 ± 0,20	8,50 ± 0,20	4,5	> 5,6
DLR-G 4	< 3	> 4	< 5	5,80 ± 0,20	9,50 ± 0,20	5,5	> 6,7
DLR-G 5	< 4	> 5	< 6	6,80 ± 0,20	10,50 ± 0,20	6,5	> 7,8
DLR-G 6	< 5	> 6	< 7	7,80 ± 0,20	11,50 ± 0,20	7,5	> 8,9
DLR-G 7	< 6	> 7	< 8	8,80 ± 0,20	12,50 ± 0,20	8,5	> 10,0
DLR-G 8	< 7	> 8	< 9	9,80 ± 0,20	13,50 ± 0,20	9,5	> 11,1
DLR-G 9	< 8	> 9	< 10	10,80 ± 0,20	14,50 ± 0,20	10,5	> 12,2

The switch value "Alarm OFF" is approx. 250 mbar higher than the switch value "Alarm ON"

The switch value "Refill ON" is approx. 250 mbar lower than the switch value "Refill OFF"

Type	Max. operating pressure in the inner pipe [bar]	Alarm ON [bar]	Refill OFF [bar]	Opening pressure overpressure valves		Set pressure of the pressure reducer [bar]	Minimum test pressure of the interstitial space [mbar]
				ÜDV1 [bar]	ÜDV2 [bar]		
DLR-G 10	< 9	> 10	< 12	13,5 ± 0,30	17 ± 0,3	13	> 15,4
DLR-G 11	< 10	> 11	< 13	14,5 ± 0,30	18 ± 0,3	14	> 16,5
DLR-G 12	< 11	> 12	< 14	15,5 ± 0,30	19 ± 0,3	15	> 17,6
DLR-G 13	< 12	> 13	< 15	16,5 ± 0,30	20 ± 0,3	16	> 18,7
DLR-G 14	< 13	> 14	< 16	17,5 ± 0,30	21 ± 0,3	17	> 19,8
DLR-G 15	< 14	> 15	< 17	18,5 ± 0,30	22 ± 0,3	18	> 20,9
DLR-G 16	< 15	> 16	< 18	19,5 ± 0,30	23 ± 0,3	19	> 22
DLR-G 18	< 17	> 18	< 20	21,5 ± 0,30	25 ± 0,3	21	> 24,2

The switch value "Alarm OFF" is approx. 500 mbar higher than the switch value "Alarm ON"

The switch value "Refill ON" is approx. 500 mbar lower than the switch value "Refill OFF"

Switching values für overpressure leak detectors for pipes, DLR-GS ...

Type	Max. operating pressure in the inner pipe [bar]	Alarm ON [bar]	Refill OFF [bar]	Set pressure of the pressure reducer [bar]	Minimum test pressure of the interstitial space [mbar]
DLR-GS 1	Drucklos	> 1	5	5	> 6,5
DLR-GS 2	< 1	> 2	6	6	> 8
DLR-GS 3	< 2	> 3	7	7	> 9
DLR-GS 4	< 3	> 4	8	8	> 10
DLR-GS 6	< 5	> 6	10	10	> 13
DLR-GS 8	< 7	> 8	12	12	> 16
DLR-GS 10	< 9	> 10	14	14	> 18
DLR-GS 13	< 12	> 13	17	17	> 22
DLR-GS 16	< 15	> 16	20	20	> 26

The switch value "Alarm OFF" is approx. 500 mbar higher than the switch value "Alarm ON"

The switch value "Refill ON" is approx. 500 mbar lower than the switch value "Refill OFF"

Switching values für overpressure leak detectors for pipes, DLR-P ...

Type	Max. operating pressure in the inner pipe [bar]	Alarm ON [bar]	Pump OFF [bar]	Opening pressure overpressure valves ÜDV1 [bar]	ÜDV2 [bar]	Minimum test pressure of the interstitial space [mbar]
DLR-P 1.1	< 0,1	> 1,1	< 1,45	1,6 ± 0,07		≥ 2,0
DLR-P 1.5	< 0,5	> 1,5	< 1,9	2,2 ± 0,10		≥ 2,5
DLR-P 2.0	< 1,0	> 2,0	< 2,4	2,7 ± 0,10		≥ 3,0
DLR-P 2.3	< 1,3	> 2,3	< 2,8	3,1 ± 0,10		≥ 3,5
DLR-P 2.5	< 1,5	> 2,5	< 2,9	3,2 ± 0,10		≥ 3,5

The switch value "Alarm OFF" is approx. 100 mbar higher than the switch value "Alarm ON"

The switch value "Pump ON" is approx. 100 mbar lower than the switch value "Pump OFF"