

TABLE 2: General Characteristics													
Catalogue Number		Connections								TS [°C]		PS [bar]	Risk Category according to PED
Liquid Indicators	Moisture Liquid Indicators	Type	SAE Flare	ODS		ODM		for pipe		min.	max.		
				Ø [in.]	Ø [mm]	Ø [in.]	Ø [mm]	Ø [in.]	Ø [mm]				
3610/22	3710/22	male	1/4"	–	–	–	–	–	–	– 30	+110	42	Art. 3.3
3610/33	3710/33		3/8"	–	–	–	–	–	–				
3610/44	3710/44		1/2"	–	–	–	–	–	–				
3610/55	3710/55		5/8"	–	–	–	–	–	–				
3610/66	3710/66		3/4"	–	–	–	–	–	–				
3640/2	3740/2	soldering	–	1/4"	–	–	–	–	–				
3640/3	3740/3		–	3/8"	–	–	–	–	–				
3640/M10	3740/M10		–	–	10	–	–	–	–				
3640/M12	3740/M12		–	–	12	–	–	–	–				
3640/4	3740/4		–	1/2"	–	–	–	–	–				
3640/5	3740/5		–	5/8"	16	–	–	–	–				
3640/M18	3740/M18		–	–	18	–	–	–	–				
3640/6	3740/6		–	3/4"	–	–	–	–	–				
3640/7	3740/7		–	7/8"	22	–	–	–	–				
3640/9	3740/9		–	1.1/8"	–	–	–	–	–				
3650/22	3750/22	male	1/4"	–	–	–	–	–	–			35	I
3650/33	3750/33		3/8"	–	–	–	–	–	–				
3650/44	3750/44		1/2"	–	–	–	–	–	–				
3650/55	3750/55		5/8"	–	–	–	–	–	–				
3650/66	3750/66		3/4"	–	–	–	–	–	–				
–	3770/11	soldering	–	–	–	1.3/8"	35	–	–				
	3770/13		–	–	–	1.5/8"	–	–	–				
	3770/M42		–	–	–	–	42	–	–				
	3780/5	saddle type	–	–	18	–	–	5/8"	16				
	3780/M18		–	3/4"	–	–	–	–	18				
	3780/7		–	7/8"	22	–	–	7/8"	22				
	3780/9		–	–	10	–	–	1.1/8"	28				
	3780/11		–	–	12	–	–	1.3/8"	35				

INSTALLATION

At the start-up the color of the sensitive element may be yellow, due to exposure to air humidity and to moisture in the circuit. When the moisture of the refrigerant is brought back to acceptable levels with the dehydrator, the indicator color is once again green. This is evidence that equilibrium has been re-established. In case of persisting yellow, measures have to be taken to eliminate moisture. Only when the sensitive element comes back to green, there is evidence that adopted measures were effective. About 12 hours of system operation are required to achieve equilibrium. However, the moisture indication is given normally when the plant is in function and the fluid is flowing

The brazing of indicators with solder connections should be carried out with care, using a low melting point filler material. Before starting to braze, it's necessary to disassemble the ring of indicators series 3780, while this operation is not necessary with solder connection indicators. In any case, avoid direct contact between the torch flame and the indicator body or ring, which could be damaged and compromise the proper functioning of the indicator.



TABLE 3: Dimensions and Weights

TABLE 3: Dimensions and Weights										
Catalogue Number		Dimensions [mm]					Weight [g]			
Liquid Indicators	Moisture Liquid Indicators	Ø D	H	H ₁	L	Ch				
3610/22	3710/22	34,5	28,5	22	71,5	12	130			
3610/33	3710/33		31,5	22,5	77,5	17	165			
3610/44	3710/44		36	24,5	81,5	22	210			
3610/55	3710/55		38,5	26	89,5	24	255			
3610/66	3710/66		46	31,5	93	28	315			
3640/2	3740/2		28,5	22	133	-	135			
3640/3	3740/3		38,5	26	117		195			
3640/M10	3740/M10						200			
3640/M12	3740/M12						210			
3640/4	3740/4				131		215			
3640/5	3740/5		40	27,5			295			
3640/M18	3740/M18						580			
3640/6	3740/6		46,5	36	151		215			
3640/7	3740/7		53,5		186		295			
3640/9	3740/9		31,5	22,5	68	12	165			
3650/22	3750/22		36	24,5	74	17	205			
3650/33	3750/33		38,5	26	77	22	235			
3650/44	3750/44		46,5	27,5	84	24	300			
3650/55	3750/55		53,5	36	92	28	525			
-	3770/11		-	-	41,5	160	-	300		
	3770/13				45	170		480		
	3770/M42									
	3780/5				30	-		90		
	3780/M18								31	
	3780/7								33	
	3780/9								36	
3780/11	39,5									

