

HMI - Hermetic Moisture Indicators

The HMI is designed to provide an accurate method of determining the moisture content of a system's refrigerant. The HMI has a unique high accuracy moisture indicator for CFC, HCFC, and HFC refrigerants.



Features

- Highest sensitivity moisture indicator available
- Hermetic, leak-free construction
- Single indicator for all common refrigerants
- Accurate color calibration at low ppm levels and higher temperatures
- Wide angle viewing/high visibility window for ease of monitoring
- All brass corrosion resistant body for fewer leaks
- Solid copper connections

Specifications

- Maximum working pressure: 680 psig
- UL/CUL file number: SA 4876

Nomenclature

example: HMI 1TT4

HMI	1	TT	4
Hermetic Moisture Indicator	Series	Connection Style TT = Sweat x Sweat	Connection Size (in 1/8")

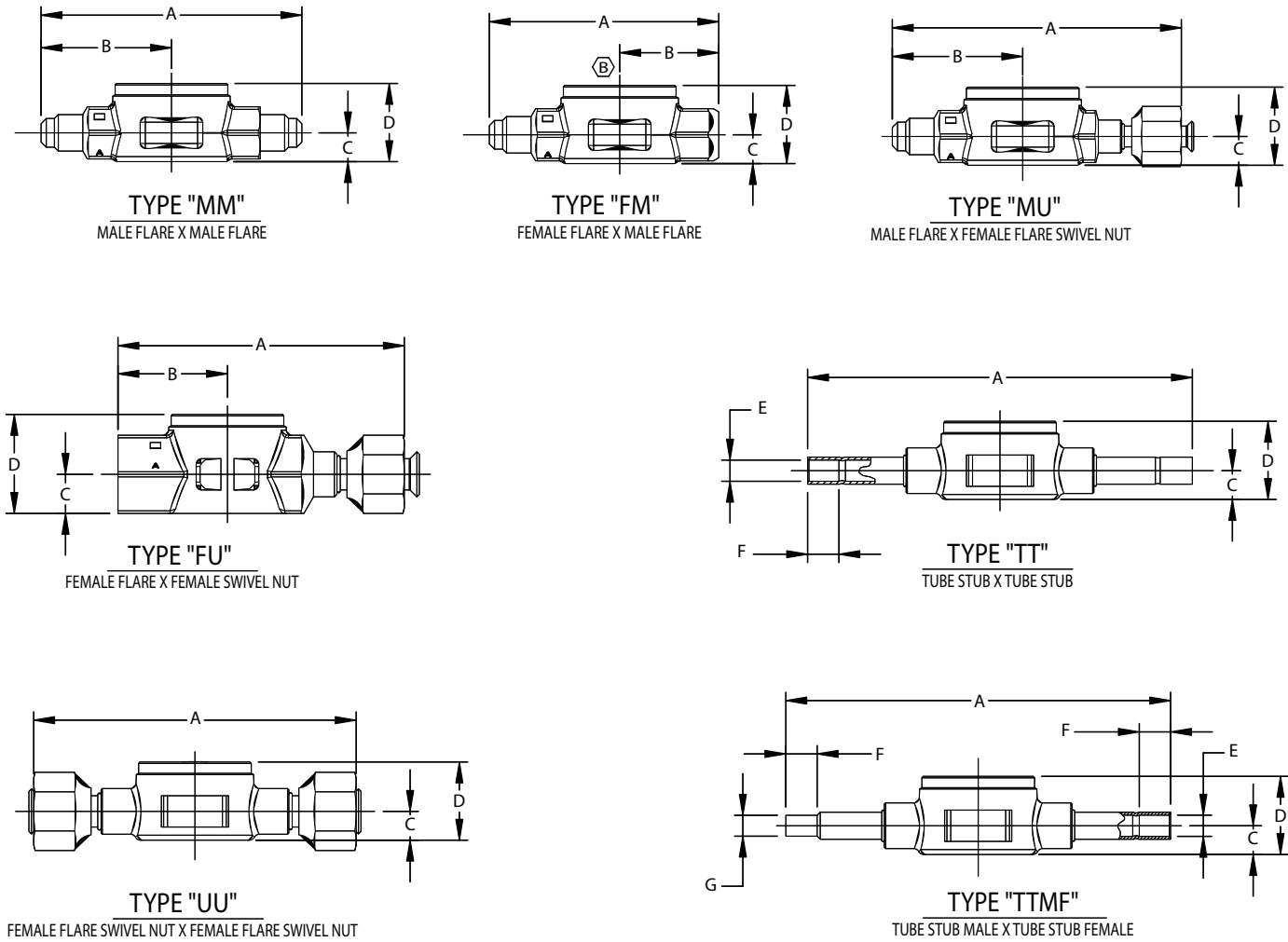
Ordering Information

PCN	Description	Series	Connection Size
065391	HMI-1MM2	Male Flare x Male Flare	1/4
065392	HMI-1MM3		3/8
065393	HMI-1MM4		1/2
065394	HMI-1MM5		5/8
065395	HMI-1MM6		3/4
065405	HMI1-1TT2		Sweat x Sweat (ODF)
065406	HMI1-1TT3	3/8	
065407	HMI1-1TT4	1/2	
065408	HMI1-1TT5	5/8	
065409	HMI1-1TT6	3/4	
065410	HMI1-1TT7	7/8	
065411	HMI1-1TT9	1 1/8	
065396	HMI-1FM2	Female Flare x Male Flare	
065397	HMI-1FM3		3/8
065398	HMI-1FM4		1/2
065399	HMI-1MU2	Male Flare x Female Flare Swivel Nut	1/4
065400	HMI-1MU3		3/8
065401	HMI-1MU4		1/2
065402	HMI-1MU5		5/8
065403	HMI-1FU3		Female Flare x Female Flare Swivel Nut
065404	HMI-1FU4	1/2	
065412	HMI-1UU3	Swivel Nut x Swivel Nut	3/8
065413	HMI-1UU4		1/2
065414	HMI-1UU5		5/8
065622	HMI-1TT2MF	Sweat x Sweat (ODM x ODF)	1/4
065814	HMI-1TT3MF		3/8
065979	HMI-1TT4MF		1/2
065980	HMI-1TT5MF		5/8

Moisture Content Color Code (ppm H₂O)

Indication Liquid Temperature	Dry (Dark Blue)			Caution (Purple)			Wet (Salmon)		
	75°F	100°F	125°F	75°F	100°F	125°F	75°F	100°F	125°F
R-12	1.4	2.5	4	5	9	15	25	43	70
R-134A	20	35	60	35	55	85	130	160	190
R-22	25	35	50	40	65	90	145	205	290
R-407C	26	40	64	42	68	109	150	230	370
R-410A	30	55	75	50	85	120	165	290	420
R-404A/507	15	25	45	33	50	80	120	150	180
R-502	2.6	5	8	10	18	30	50	90	150

Dimensional Data



Dimensional Data (in)

Type Number	Connection Size	A	B	C	D	E	F Min	G
HMI - 1MM2	1/4 SAE	3.13	1.56	0.34	0.94			
HMI - 1MM3	3/8 SAE	3.38	1.69	0.34	0.94			
HMI - 1MM4	1/2 SAE	3.62	1.81	0.47	1.19			
HMI - 1MM5	5/8 SAE	3.88	1.94	0.47	1.19			
HMI - 1MM6	3/4 SAE	5.00	2.50	0.59	1.53			
HMI - 1FM2	1/4 SAE	2.75	1.19	0.34	0.94			
HMI - 1FM3	3/8 SAE	3.00	1.31	0.47	1.19			
HMI - 1FM4	1/2 SAE	3.22	1.41	0.47	1.19			
HMI - 1MU2	1/4 SAE	3.91	1.56	0.34	0.94			
HMI - 1MU3	3/8 SAE	4.38	1.69	0.34	0.94			
HMI - 1MU4	1/2 SAE	4.72	1.81	0.47	1.19			
HMI - 1MU5	5/8 SAE	5.09	1.94	0.47	1.19			
HMI - 1FU3	3/8 SAE	4.00	1.31	0.47	1.19			
HMI - 1FU4	1/2 SAE	4.31	1.41	0.47	1.19			
HMI - 1TT2	1/4 ODF	5.56		0.34	0.94	0.25	0.38	
HMI - 1TT3	3/8 ODF	5.62		0.34	0.94	0.38	0.34	
HMI - 1TT4	1/2 ODF	5.88		0.47	1.19	0.50	.035	
HMI - 1TT5	5/8 ODF	5.88		0.47	1.19	0.63	0.63	
HMI - 1TT6	3/4 ODF	6.56		0.61	1.50	0.75	0.63	
HMI - 1TT7	7/8 ODF	6.31		0.61	1.50	0.88	0.75	
HMI - 1TT9	1 1/8 ODF	6.59		0.67	1.37	1.13	0.90	
HMI - 1UU3	3/8 x 3/8 Flare Swivel	4.88		0.34	0.94			
HMI - 1UU4	1/2 x 1/2 Flare Swivel	5.56		0.47	1.19			
HMI - 1UU5	5/8 x 5/8 Flare Swivel	6.02		0.47	1.19			
HMI - 1TT2MF	1/4 ODM x 1/4 ODF	5.56		0.34	0.94	0.25	0.38	0.25
HMI - 1TT3MF	3/8 ODM x 3/8 ODF	5.62		0.34	0.94	0.38	0.38	0.38
HMI - 1TT4MF	1/2 ODM x 1/2 ODF	5.88		0.47	1.19	0.50	0.50	0.50
HMI - 1TT5MF	5/8 ODM x 5/8 ODF	5.88		0.61	1.19	0.63	0.50	0.62

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