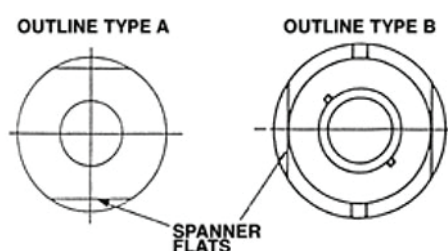
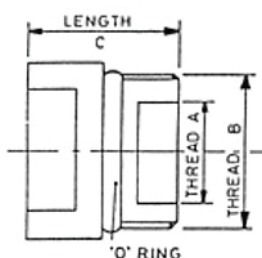


DESICCANT SOLUTIONS: HUMIDITY INDICATORS

Humidity Indicators

Drytech offers a wide range of humidity indicators. They are typically externally mounted on equipment to give visual indication of humidity. They will change color when introduced to moisture vapors. They are used inside rigid containers, electronic enclosures, optical cavities, and flexible moisture-vapor-proof bags, among other applications. The DT1 series can be used in conjunction with a static desiccator, providing ultimate protection against moisture. Mounting options include thread mounting into enclosure, panel bushing, or crimp nut.

DT1 Series



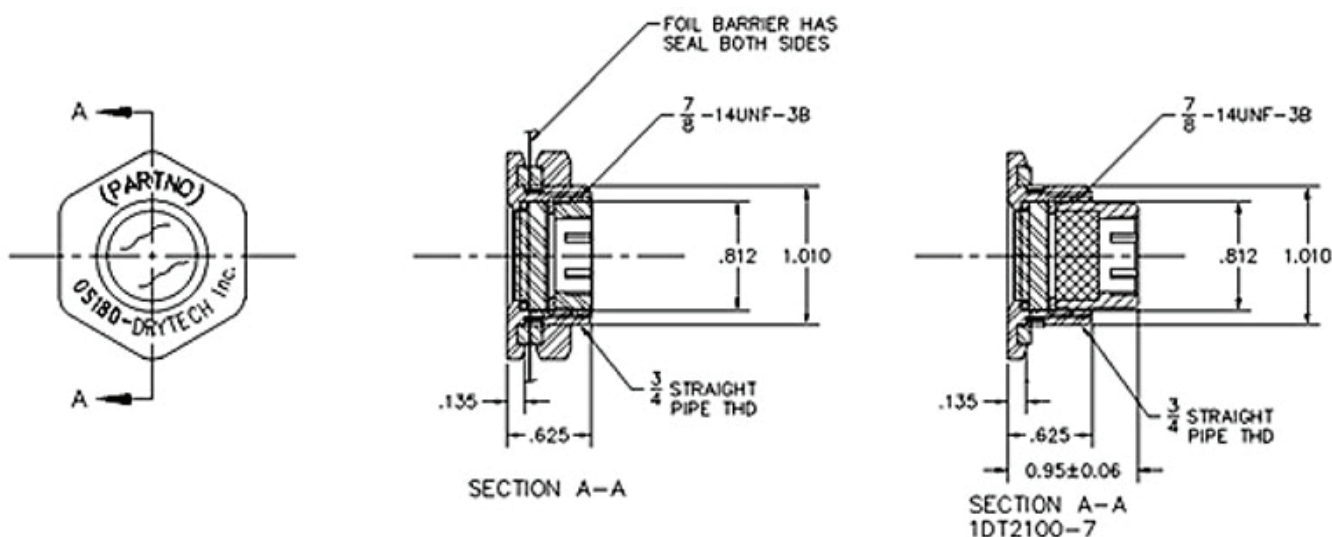
Item #	Style	Thread A (Internal)	Thread B (External)	Overall Length C	Outline Type	Relative Humidity
DT1	No 1	5/8-28 UNS-2B	3/4-20 UNS 2A	3/4 in	N/A	50% RH
DT2	No 2	5/8-28 UNS-2B	3/4-30 WHIT	3/4 in	N/A	50% RH
DT1HP1	1HP1	5/8-28 UN-2B	3/4-20 UNEF-2A	3/4 in	B	50% RH
DT1HP2	1HP2	5/8-28 UN-2B	3/4-20 WHIT	3/4 in	B	50% RH
DT1HP5	1HP5	5/8-28 UN-2B	3/4-20 UNEF-2A	3/4 in	B	15% RH
DT1HP 3M	1HP 3M	M16 x 1.0-6H	M20 x 1.5-6g	22.5mm	A	30% & 50% RH
DT1HP 4M	1HP 4M	M16 x 1.0-6H	M20 x 1.5-6g	22.5mm	A	15% & 30% RH
DT1HP 6M	1HP 6M	M16 x 1.0-6H	M20 x 1.5-6g	22.5mm	A	30% & 50% RH
DT1HP 8M	1HP 8M	M20 x 1.0-6H	M25 x 1.5-6g	26.7mm	B	30% & 50% RH
DT1HP 9M	1HP 9M	M20 x 1.0-6H	M25 x 1.5-6g	26.7mm	B	15% & 50% RH
DT1HP 10M	1HP 10M	M30 x 1.0-6H	M35 x 1.5-6g	26.7mm	B	30% & 50% RH
DT1HP 11M	1HP 11M	M30 x 1.0-6H	M35 x 1.5-6g	26.7mm	B	15% & 50% RH
DTR1 HP7	R1HP 7	5/8-28 UN-2B	3/4-20 UNEF-2A	3/4 in	B	15% & 30% RH
DTR1 3M	R1HP 3M	M16 x 1.0-6H	M20 x 1.5-6g	22.5mm	A	30% & 50% RH
DTR1 4M	R1HP 4M	M16 x 1.0-6H	M20 x 1.5-6g	22.5mm	A	15% & 30% RH
DTR1 6M	R1HP 6M	M16 x 1.0-6H	M20 x 1.5-6g	22.5mm	A	30% & 50% RH
DTR1 8M	R1HP 8M	M20 x 1.0-6H	M25 x 1.5-6g	26.7mm	B	30% & 50% RH
DTR1 9M	R1HP 9M	M20 x 1.0-6H	M25 x 1.5-6g	26.7mm	B	15% & 30% RH
DTR1 10M	R1HP 10M	M30 x 1.0-6H	M35 x 1.5-6g	26.7mm	B	30% & 50% RH
DTR1 11M	R1HP 11M	M30 x 1.0-6H	M35 x 1.5-6g	26.7mm	B	15% & 30% RH

DESICCANT SOLUTIONS: HUMIDITY INDICATORS

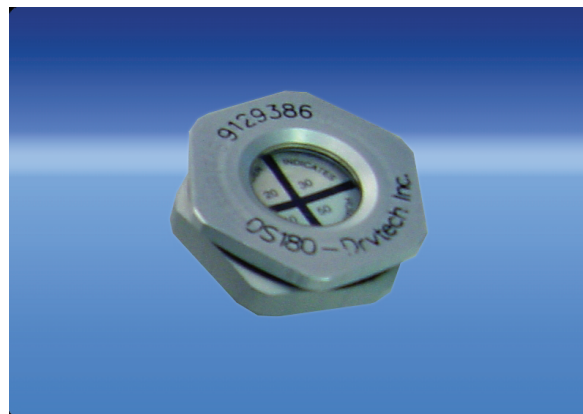
Humidity Indicators

Drytech offers a wide range of humidity indicators. They are typically externally mounted on equipment to give visual indication of humidity. They will change color when introduced to moisture vapors. They are used inside rigid containers, electronic enclosures, optical cavities, and flexible moisture-vapor-proof bags, among other applications. The DT1 series can be used in conjunction with a static desiccator, providing ultimate protection against moisture. Mounting options include thread mounting into enclosure, panel bushing, or crimp nut.

Drytech 2100 Series



Item #	Thread A	Length B	Face C	Relative Humidity
1DT2100-1	3/4" Straight Pipe	0.625 in	1.375 Across Flats	40%
1DT2100-2	3/4" Straight Pipe	0.625 in	1.375 Across Flats	20% , 30% , 40%, 50%
1DT2100-4	3/4" Straight Pipe	0.625 in	1.375 Across Flats	10%
1DT2100-5	3/4" Straight Pipe	0.625 in	1.375 Across Flats	10%, 20%, 30% 40%
1DT2100-6	3/4" Straight Pipe	0.625 in	1.375 Across Flats	40%
1DT2100-7	3/4" Straight Pipe	0.950 in	1.375 Across Flats	20%, 30%, 40% 50%
1DT2100-8	3/4" Straight Pipe	0.625 in	1.375 Across Flats	10%



DESICCANT SOLUTIONS: HUMIDITY INDICATORS

DHD1519 - M20 Thread 30/50% RH Indicator Plug

This is a split level Humidity Indicator with spanner flats for easy fitting into equipment. It can be used in combination with a static desiccator such as DHD1397. We also supply a service kit as we recommend the humidity indicator paper be replaced every 3-5 years



DHD2856 - M20 Thread 15/30% RH Indicator Plug

This is a split level Humidity Indicator with spanner flats for easy fitting into equipment. It can be used in combination with a static desiccator such as DHD1397. We also supply a service kit as we recommend the humidity indicator paper be replaced every 3-5 years



DHD4332 - Large Humidity Indicator Plug 4 Levels

This four level Humidity Indicator variation with spanner flats for easy fitting into equipment. It has spanner flats for easy fitting and also supplied with a back nut for panel or barrier bag mounting. We also supply a service kit as we recommend the humidity indicator paper be replaced every 3-5 years.



Item #	Internal Thread	External Thread	Overall Length C	Relative Humidity
DHD1519	M16 x 1.0	M20 x 1.5	22.5mm	30% & 50% RH
DHD2856	M16 x 1.0	M20 x 1.5	22.5mm	15% & 30% RH
DHD4332	N/A	1.438-18 UNEF	16mm	20% & 30% RH
DHD4332	N/A	1.438-18 UNEF	16mm	40% & 50% RH

DESICCANT SOLUTIONS: HUMIDITY INDICATORS

DHD5000/01-05 - 3/4" Humidity Indicator Plug

This is a split level Humidity Indicator with spanner flats for easy fitting into equipment. It can be easily fitted into a panel or flexible barrier bag using the supplied back nut. The can be supplied with natural threads R.F Screening Continuity. We also supply a service kit as we recommend the humidity indicator paper be replaced every 3-5 years.



Item #	Internal Thread	External Thread	Overall Length C	Relative Humidity
DHD5000/01	N/A	3/4" x 14	16mm	30% & 50% RH
DHD5000/02	N/A	3/4" x 14	16mm	30% & 50% RH
DHD5000/03	N/A	3/4" x 14	16mm	15% & 30% RH
DHD5000/04	N/A	3/4" x 14	16mm	40% & 60% RH
DHD5000/05	N/A	3/4" x 14	16mm	10%, 20% 30% RH

DHD3058/01-04 - M35 Humidity Indicator Plug

This is a split level Humidity Indicator with spanner flats and a knurled finish for easy fitting into equipment. It can be used in combination with a static desiccator and can be supplied with a natural thread for RF Screening. We also supply a service kit as we recommend the humidity indicator paper be replaced every 3-5 years.



Item #	Internal Thread	External Thread	Overall Length C	Relative Humidity	R.F. Screened
DHD3058/01	N/A	M35 x 1.5	26.7mm	30% & 50% RH	No
DHD3058/02	N/A	M35 x 1.5	26.7mm	15% & 30% RH	No
DHD3058/03	N/A	M35 x 1.5	26.7mm	30% & 50% RH	Yes
DHD3058/04	N/A	M35 x 1.5	26.7mm	15% & 30% RH	Yes

DESICCANT SOLUTIONS: HUMIDITY INDICATORS

DHD6344/01-02 - M12 Poly Humidity Indicator

This is a split level humidity indicator made from polycarbonate so it's low cost and hard wearing. The plug is supplied with a back nut that can be used for various applications including mounting into barrier bags. We also supply a service kit as we recommend the humidity indicator paper be replaced every 3-5 years



Item #	Internal Thread	External Thread	Overall Length C	Relative Humidity	Material
DHD6344/01	N/A	M12 x 1.0	24 mm	30% & 50% RH	Polycarbonate
DHD6344/02	N/A	M12 x 1.0	24 mm	15% & 30% RH	Polycarbonate

DHD7460 - No Thread 3 Level Humidity Indicator

This is a three level Humidity Indicator with a flange for fitting into equipment. It can be used in combination with a static desiccator and has a very low profile so it sits flush and is protected from damage. We also supply a service kit as we recommend the humidity indicator paper be replaced every 3-5 years.



Item #	Inner Diameter	Outer Diameter	Overall Length	Relative Humidity	Material
DHD7460	21 mm	29 mm	14 mm	30%, 50%, 70% RH	Aluminum

DESICCANT SOLUTIONS: HUMIDITY INDICATORS

Electronic Relative Humidity Indicators

Traditional humidity indicator papers rely on a distinctive colour change usually from blue to pink to signify a dry to wet humidity change. The humidity indication range for paper indicators is from 10% to 70% relative humidity although this must be specified at an ambient temperature and tolerance range.

The new Electronic Humidity uses a polymer humidity sensor combined with temperature sensor to provide a digital display reading of relative humidity, ambient temperature and dewpoint.

Dewpoint indicates the temperature to which the system or instrument can be cooled before condensation (or frost) will occur. This qualifies dewpoint as a quality control standard for specify an operating performance for systems and instruments.

The Electronic Indicator is mounted in a robust IP67 enclosure with membrane press switch to activate the three readings in sequence. Optional thread mounting or bulkhead flange fixing is available.

The operational battery life is typically 5 years.

DHD10373/10374/10375 - Low Profile Humidity Indicator

ERhi is the latest in innovation from DRYTECH and gives a new take on an old technology. The Electronic Relative Humidity Indicator combines RH, Temperature and Dew Point Display all into a single unit. Please see the attached data sheet for more information and look out for the launch of Mini ERhi.



Ingress Protection: IP67

Operating Temperature: -20 deg C to +60 deg C

Storage Temperature: -40 deg C to +80 deg C

Power Source: Flat lithium (coin cell) battery

Nominal Voltage: 3 Volts

Nominal Capacity: 200 mAh

Estimated Life: 5 Years (battery)

Available Options: RFI

Item #	Thread	Outer Diameter	Overall Length	Relative Humidity	Ingress Protection
DHD10373	1 1/8" BSP	50 mm	32 mm	-5%RH to 80% RH	IP67
DHD10374	M36 X 2.0	50 mm	32 mm	-5%RH to 80% RH	IP67
DHD10375	Bulk Head Mount	50 mm	32 mm	-5%RH to 80% RH	IP67