



MOISTURE REGISTER PRODUCTS

A Division of Aqua Measure Instrument Company
La Verne, California.

www.moistureregisterproducts.com
1712 Earhart Court, La Verne, CA. 91750

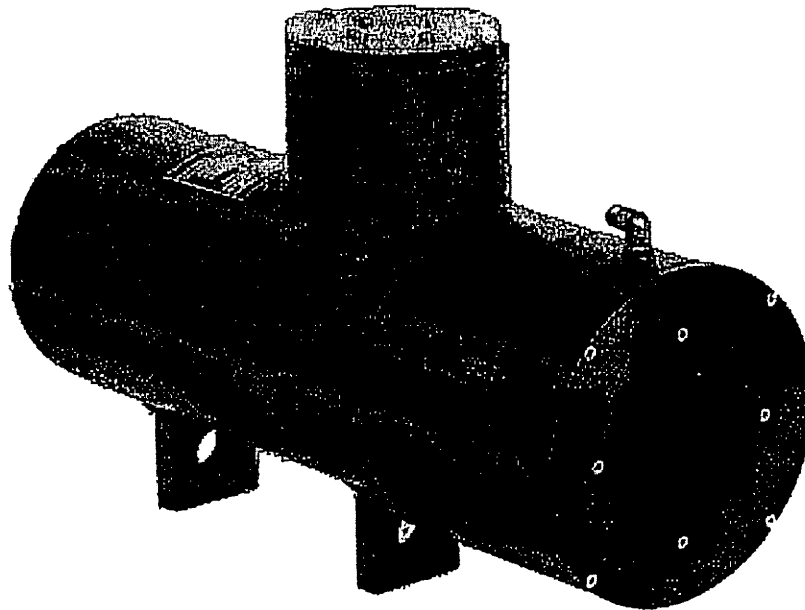
DUST SHIELD INSTALLATION INSTRUCTIONS DWG. 552278

The Moisture Register Products, Dust Shield Part No. 551766 is connected to the NIR Sensor by way of the four socket head screws provided. Use Drawing No. 551929 for mounting dimensions.

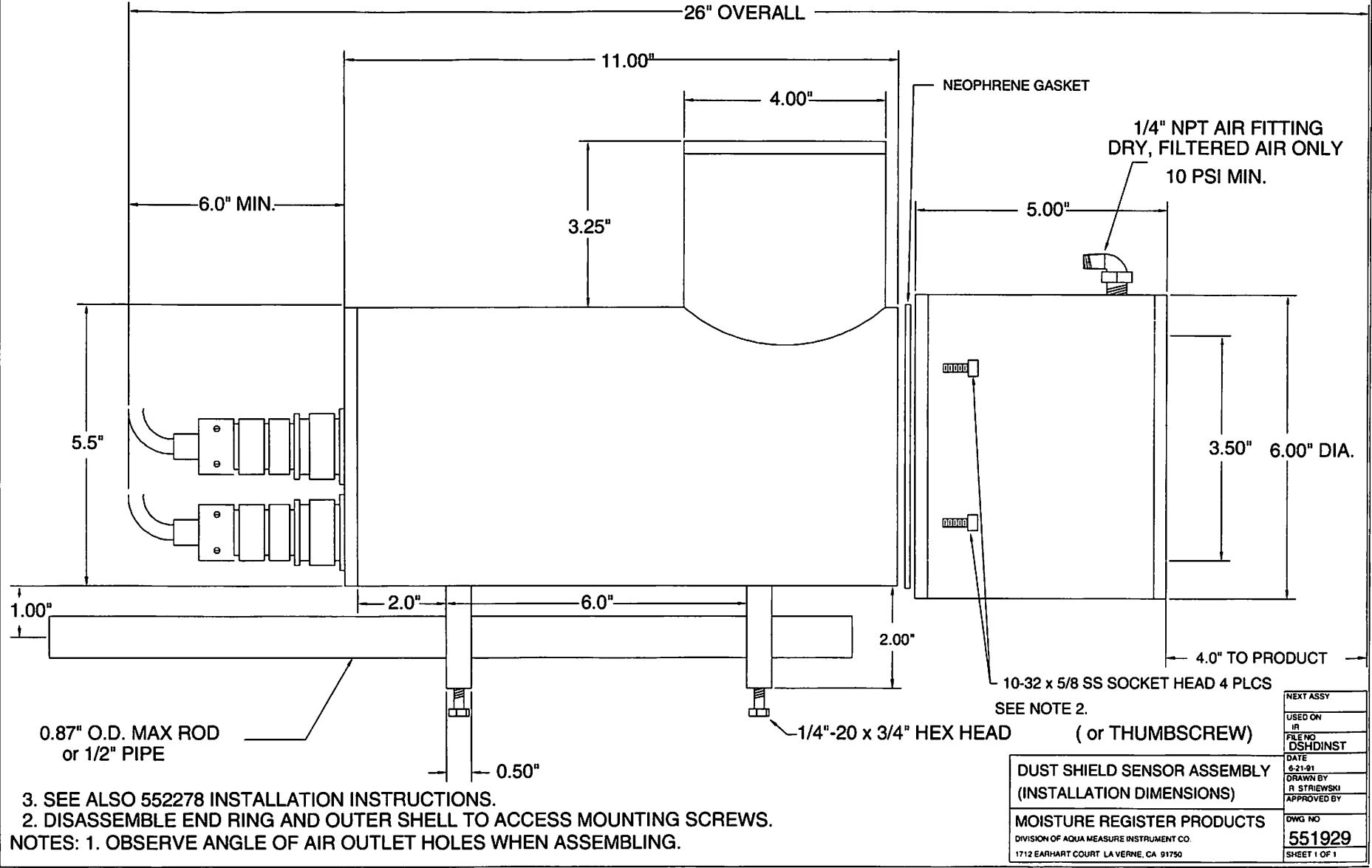
1. Remove the front cover of the Dust Shield (if not removed already), by removing the eight (8) 6-32 1/2" screws.
2. Align the rear of the Dust Shield with the front of the NIR Sensor and screw the four (4) 10-32 x 5/8" socket head screws.
3. Replace the front cover; using the eight (8) 6-32 x 1/2" stainless steel screws provided.

Four of the screws go into the inner ring and the other four into the outer ring.

4. Install constant clean plant air, minimum requirements of 5 PSI, 2-3 CFM dry air. It is recommended that the air be controlled with a regulation valve.
5. Note: The air must flow towards the front lens of the NIR Sensor. If the air flows downward, away from the lens you have assembled the Dust Shield backwards. Repeat Steps 1-5.



REV.	DESCRIPTION	DATE/APPRVL.
B	EO 31615 SOCKET HEAD SCR., etc	4-96



DUST SHIELD SENSOR ASSEMBLY
(INSTALLATION DIMENSIONS)

MOISTURE REGISTER PRODUCTS
DIVISION OF AQUA MEASURE INSTRUMENT CO.
1712 EARHART COURT LA VERNE, CA 91750

NEXT ASSY
USED ON
IR
FILE NO
DSHDINST
DATE
6-21-91
DRAWN BY
R STRIEWSKI
APPROVED BY
OWG NO
551929
SHEET 1 OF 1

CLAMP CABLES

0.87" (22mm) MAX O.D. ROD or 1/2" PIPE

ALT. ANGLE IRON MOUNTING

PLOW IF NECESSARY

5.95" + or - .05"
(151mm + or - 1.3mm)

1/4-20 BOLTS
(228mm + or - 25.4mm)

9.0" + or - 1.0"

DIRECT CLEAN, DRY AIR ON LENS IN DUSTY LOCATIONS
OR USE AIR PURGE DUST SHIELD OPTION.

NOTE: TILT HEAD 20 DEG. TO VERTICAL IF LOSS-OF-PRODUCT
LEVEL IS EXCESSIVE. (SHINY MATERIAL)

FILE NO	MRC003842.DWG
DATE	3-13-98
DRAWN BY	STRIEWSKI
APPROVED BY	
DWG. NO	MRC003842
	SHEET 1 OF 1

NIR SENSOR
(INSTALLATION DRAWING)
MOISTURE REGISTER
PRODUCTS

