

MMC INTERNATIONAL CORP.

## OXYGEN SENSOR GAUGING TAPE

Shown with barrel for  
B-type valve.  
Other barrels available  
to fit all other  
MMC vapor valves.  
Also available in gas-tight  
closed construction.  
Grounding cable is  
standard equipment.

(Restricted type shown)



### ACCURACY:

Over the 1% to 25% Range:  $\pm 0.2\%$   
Of Sensor Positioning:  $\pm 1/8$  inch ( $\pm 2$ mm)  
Oxygen Sensor Measurement Range: 0% to 25%

### BATTERY:

9 Volt Eveready #522, or Mallory MN1604

### TAPE LENGTHS:

50 ft. (15m)  
100 ft. (30m)

### HAZARDOUS ENVIRONMENT PROTECTION:

Intrinsically Safe

### APPROVALS:

BASEEFA  
Exia IIB.T4

**IMPORTANT NOTICE:** Not approved for  
human occupancy certification.

This is a fast and convenient way to measure oxygen content within a closed vessel.

The sensor measures the oxygen level in the ullage space without aspiration because the operator calibrates the tape to 20.9% oxygen before inserting it in the vapor control valve and locking it in place. The valve is then opened and the tape lowered to either 1m below deck level or to 50% of ullage space level. The digital display in the hub of the device then indicates the percentage of oxygen present in this space.

If the oxygen content exceeds 8% of the inert gas in the ullage, both audio and visual warning alarms go off. For levels above 18% the audio alarm does not sound although the alarm lamp continues to flash.



Keeping You In Control  
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