

ANALOG SENSORS with VOLTAGE OUTPUT

Standard single channel units include amplifier and sensor tip with 914 mm (3 Feet) long fiberoptic cable, require +12 VDC input power, and provide 0 to +5 volt analog output with DC - 20 KHz bandwidth.

| D MODELS REFLECTANCE DEPENDENT | | |
|---|-----------------|-------|
| MODEL | Operating Range | |
| | mm | mINCH |
| D6 | 1 | 40 |
| D12 | 2 | 80 |
| D20 | 1.25 | 50 |
| D21 | 2 | 80 |
| D47 | 5 | 200 |
| D63 | 3 | 120 |
| D64 | 6 | 240 |
| D100 | 10 | 400 |
| D125 | 15 | 600 |
| D169 | 20 | 750 |
| D170 | 30 | 1200 |
| D171 | 50 | 2000 |
| D240 | 76 | 3000 |



140 x 82 x 48 mm Enclosure
With Barrier Terminal Block for
Input Power and Output Signal

| RC MODELS REFLECTANCE COMPENSATED | | |
|--|-----------------|-------|
| MODEL | Operating Range | |
| | mm | mINCH |
| RC19 | 0.76 | 30 |
| RC20 | 1.65 | 65 |
| RC25 | 0.76 | 30 |
| RC32 | 2 | 80 |
| RC60 | 3.2 | 125 |
| RC62 | 2 | 80 |
| RC63 | 4 | 160 |
| RC100 | 5.1 | 200 |
| RC125 | 9 | 350 |
| RC171 | 12.7 | 500 |
| RC225 | 25 | 1000 |
| RC290 | 41 | 1600 |

DIGITAL SENSORS DISTANCE OUTPUT via RS232

mDMS sensors use RS232 communication with 5,000 samples/sec maximum data rate. The standard fiberoptic cable is 914 mm (3 Feet). All units include Philtec DMS Control Software for Sensor Setup and Data Collection.

| D MODELS REFLECTANCE DEPENDENT | | |
|---|-----------------|-------|
| MODEL | Operating Range | |
| | mm | mINCH |
| mDMS-D6 | 1.3 | 40 |
| mDMS-D12 | 2 | 80 |
| mDMS-D20 | 1.3 | 50 |
| mDMS-D21 | 2 | 80 |
| mDMS-D47 | 6 | 200 |
| mDMS-D63 | 3 | 120 |
| mDMS-D64 | 6 | 240 |
| mDMS-D100 | 10 | 400 |
| mDMS-D125 | 15 | 600 |
| mDMS-D169 | 19 | 750 |
| mDMS-D170 | 30 | 1200 |
| mDMS-D171 | 50 | 2000 |
| mDMS-D240 | 76 | 3000 |



140 x 61 x 33 mm enclosure
Includes:

- Universal AC/DC Power Adaptor
- Y Cable Adaptor for power input and signal output
- RS232 Cable
- RS232 to USB Adapter
- DMS Control Software

| RC MODELS REFLECTANCE COMPENSATED | | |
|--|-----------------|-------|
| MODEL | Operating Range | |
| | mm | mINCH |
| mDMS-RC19 | 0.76 | 30 |
| mDMS-RC20 | 1.5 | 65 |
| mDMS-RC25 | 0.76 | 30 |
| mDMS-RC32 | 2 | 80 |
| mDMS-RC60 | 3.2 | 125 |
| mDMS-RC62 | 2 | 80 |
| mDMS-RC63 | 4 | 160 |
| mDMS-RC100 | 5 | 200 |
| mDMS-RC125 | 9 | 350 |
| mDMS-RC171 | 12.7 | 500 |
| mDMS-RC225 | 25 | 1000 |
| mDMS-RC290 | 41 | 1600 |