



Air Velocity Transmitter with Remote Probe
For Remotely Mounting Electronic Enclosure

Models Select Chart

EXAMPLE	641R M	6	LED	Series 641RM Air Velocity Transmitter, 6" probe, with LED display.
SERIES	641R M			Air Velocity Transmitter
PROBE LENGTH		6 12 18 24 30 36		6" 12" 18" 24" 30" 36"
OPTIONS			3 10 15 20 25 30 AT LED NIS T ST	3 ft. Cable Length 10 ft. Cable Length 15 ft. Cable Length 20 ft. Cable Length 25 ft. Cable Length 30 ft. Cable Length Aluminum Tag LED Display NIST Certificate of Calibration Stainless Steel Tag

Accessories

Model	Description
A-156	Flange mounting plate with 1/2" female NPT.
A-158	Split flange.
A-159	Mounting gland with 1/2" male NPT.
641-LED	Field-upgradeable LED.

Specifications:-

Service	:	Clean air and compatible, non-combustible gases.
Accuracy	:	3% FS Process gas: 32 to 122°F (0 to 50°C); 4% FS Process gas: -40 to 32°F & 122 to 212°F (-40 to 0°C & 50 to 100°C).
Response Time	:	Flow: 1.5 s to 95% of final value (output filter set to min.).
Temperature Limits	:	Process: -40 to 212°F (-40 to 100°C). Ambient: 32 to 140°F (0 to 60°C).
Pressure Limit	:	100 psi (6.89 bar) maximum.
Humidity Limit	:	Non-condensing.
Power Requirements	:	12 to 35 VDC, 10 to 16 VAC. 1.5 A rating required on supply due to initial power surge drawn by transmitter.
Output Signal	:	4 to 20 mA, isolated 24 V source, 3 or 4-wire connection.
Output Filter	:	Selectable 0.5-15 s.
Loop Resistance	:	600 Ω max.
Current Consumption	:	300 mA max.
Electrical Connections	:	Screw terminal.
Mounting Orientation	:	Unit not position sensitive. Probe must be aligned with airflow.
Weight	:	13.2 oz (374.26 g).
Cable Length	:	6' (1.82 m).
Probe Length	:	12" (30.48 cm) standard.
Probe Diameter	:	5/16" (0.79 cm).
Agency Approvals	:	CE.
OPTIONAL DISPLAY VERSION:		
Display	:	4-1/2 digit 1/2" red LED.
Resolution	:	1 FPM, 0.01 MPS (10 FPM @ 10,000 and 15,000 FPM ranges).
Weight	:	13.9 oz (394.16 g).