

PRODUCT INFO SHEET

Nanmac Corporation

Quality • Performance • Solutions

Heavy Duty Head Mount Indicator with 4-20 mA Transmitter F7-LCD-SP Series

The F7-LCD-SP indicator is a heavy-duty LCD indicator installed within a NEMA 4 housing and includes an isolated, EX rated temperature transmitter with 4-20 mA output.

Designed for field mounting, it utilizes a rugged, IP66 / NEMA 4 splash proof housing.

All programming of the installed temperature transmitter is done at the factory. The user simply connects the required loop power (see F11-50 for full specifications).

The actual transmitter used for this requirement is the F11-50 series, except it has EX rating. Temperature ranges and input loop power requirements are the same. For general use requirements that do not need isolated inputs, EX rating and NEMA enclosures, please see the F7-LCD device.



General Specifications

Conduit Connection	3/4 NPT, top and bottom
Mounting	Wall mount or NPT connection
Casing Material	Cast aluminum, powder-coat epoxy paint

Indicator Specifications

Display	Black LCD w/4 digits including (-) sign
Digital Height	~ 0.5" (12mm)
Range	Any range between (-) 1999 to 9999, 0 to 3 decimals
Under / Over Range Indicator	Flashing Lo/Hi
Response Time	Approximately 0.5s
Ambient operating temperature	-25 to +70°C / -13 to +160°F
Accuracy	+/-0.05% full scale +/- 1 digital, typical
Protection	IP 66 / NEMA 4
Wiring Connection	Stranded, < 16 AWG

User Specified information (programmed by Nanmac)

- 1) Input Sensor Type
- 2) Cold Junction (Tc only, default is 32°F / 0°C)
- 3) Temperature Scale °F or °C
- 4) Temperature Range (Full Sensor Range as default)
- 5) Sensor Break Detection - upscale or downscale (default is upscale).

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