

# ELTORQUE Magnetostrictive Liquid Level Transducer

## Datasheet

**MODEL: EMS**

GENERAL: Magnetostrictive liquid level transducer not only can measure multi-interface liquid level ,but also have auto-compensating technique. Level gauges can adopt local main line output poit in order to network integration .It can be used to measure all liquid level of all tanks.

**MAIN TECHNICAL SPECIFICATION**

MEASURING RANGE	50 ~ 20000mm(User-selectable)
LOWER DEAD ZONE	64mm
MEASUREING SPECIFICATIONS	Liquid level (1 ~3 point)
INPUT POWER	±15VDC±10% ( 70mA) or +24VDC±10%(90mA) (User-selectable)
OUTPUT	-10 to 10 or 10 to -10 VDC at 2 mA max;or 4 to 20mA or 20 to 4mA.
OPERATING AMBIENT	Applicable to corrosive liquids such as seawater.
OPERATING TEMPERATURE	-40 ~ 85°C
OPERATING PRESSURE	≤350bar
NONLINEARITY	≤±0.05% FS
REPEAT/	≤±0.002 FS
HYSTERESIS	16 bit D/A
TEMPERATURE COEFFICIENT	±0.007% FS/°C
HOUSE METERIAL	Aluminum,SUS304, SUS316
MEDIUM DENSITY	0.5 ~ 2.0g/cm³
EXPLOSION PROOF	Exia IIB T5
PROTECTION GRADE	IP 65,IP67,IP68(User-selectable)
INSTALLATION POSITION	Top mounting

NOTE : ABOVE IS FOR REFERENCE , IF THERE IS ANY CHANGE WILL INFORM.

