

ATEX IECEx Intrinsically Safe Certified Assembly


Equipment: Resistance Temperature Device (RTD) and Thermocouple Temperature sensors

Part Number Prefix: HL08

Model Configurations: EL01, EL02, EL03, EL04, EL05, EL06, EL07

Type of Protection: Intrinsically Safe (Ex ia IIC Ga, Ex ia IIIC Db)

ATEX Certification Number: CSANe 21ATEX2080X

2813  II 1G II 2D
 Ex ia IIC T6/T5/T4 Ga
 Ex ia IIIC T60/T75/T100°C Db
 IP66

IECEx Certification Number: IECEx SIR 21.0019X

Ex ia IIC T6/T5/T4 Ga
 Ex ia IIIC T60/T75/T100°C Db
 IP66

Electrical Device/Connection	Sensor Entity / Rating Parameters:
Simple Apparatus sensor w/ terminal block	V _{max} = 10 Vdc, I _{sc} = 30 mA, P _{max} = 75mW, C _i = 500 nF, L _i = 4 mH (C _i and L _i are distributed parameters) Per 60079-14 - cable C=200 pF/m, L=1 uH/m (max 8 wires, max length 100m)

Enclosure	Transmitter	Ambient Temperature Range and T-code
93	Terminal block	-40 to +80/+95°C; T6/T5; T80/T95°C
94	Terminal block	-40 to +80/+95°C; T6/T5; T80/T95°C