GTH500（A） Intrinsically Mining Safe Ambient/Pipeline Carbon Monoxide Sensor

Application:

GTH500(A) intrinsically mining safe ambient/pipeline carbon monoxide sensor is a fixed low power consumption and anti-interference device that is used to measure ambient/pipeline CO concentration. It has a built-in screen that displays CO concentration and built-in visual and sound alarms. The device can be remoted deployed and connected to the sub-station for central monitoring of the underground mines.

Features:

◎ Accurate, low power consumption, and anti-interference 。
◎ Resilient to harsh environmental factors such as moisture and dust。
◎ Works stalely in either positive/negative pressure environment。

Technical parameters:

◎ Measuring range：（0~500)x10^{-6} expandable to (0~1000)x10^{-6}
◎ Measuring deviation：（0~100)x10^{-6} :±4x10^{-6}
（>100~500)x10^{-6}: ±5% of measured value
◎ Power rating：（12~24)V DC ≤60mA
◎ Alarm type：Visual and audible: visual at 20m in dark and 80dB at 1m
◎ Display mode：Four digits digital tube
◎ Signal output mode：RS485，200Hz~1000Hz
◎ Display resolution：1x10^{-6}
◎ Transmitting distance：>2km
◎ Explosion-proof type：mining intrinsically safe (Ex-mark: Exia I Ma)