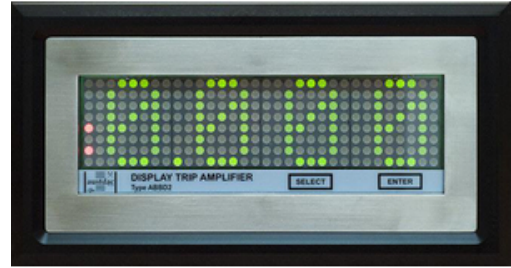




DISPLAY TRIP AMP WITH RELAY OUTPUT

By Austdac
Catalog # DISP003



The intrinsically safe, SIL2 Display Trip Amplifier type ABBD2 is a panel mounting large colour display that may also be used as a trip amplifier for local 4-20mA or an outbye remote trip amplifier using Austdac SILBUS field bus network. The local or remote 4-20mA input is converted, to display gas levels (or any other levels i.e. air flow), as a percentage or parts per million (ppm). The unit features a large three colour LED dot matrix display that can be easily viewed from 20 metres. The trip amplifier has three independent adjustable set point levels that alter the colour of the display and control the output relays. As the input signal increases the display colour changes as the set point levels are exceeded. The changing of display colour allows the user to quickly determine process status i.e. green for normal, yellow for warning 1, flashing between yellow and red for warning 2 and red for alarm. The display can also cater for falling alarms with display colour changing on decreasing input levels. The display can accept up to two inputs - 4-20mA (or 0-20mA) current type or 0.4-2V (or 0-2V) voltage type. The display converts the input signal to one of many user configurable scales or ranges. All industry standard ranges or scales are configurable with any unique scales added at the factory by special request. The display can be user configured to accept the input signal from a SILBUS network (outbye system), thus allowing the ABBD2 to be cused as a remote display with full trip amplifier set point operation.

Features

- Intrinsically safe
- Large three colour LED display
- Accepts two inputs
- Low and high power contact relay
- Ingress protection to IP66
- Easily viewed within 20 metres

General

Catalog Number	DISP003
Display	LED