



Isolating Driver,D5020S

URL:<https://www.sxplc.com/isolating-driver-d5020s>

Product data sheet

The Isolating Driver D5020 module is a high integrity analog output interface suitable for applications requiring SIL 2 level in safety related systems for high risk industries. It isolates and transfers a 4- 20 mA signal from a controller located in Safe Area to a load in Hazardous Area. It has a high output capacity combined with a low drop across its input terminals. The circuit allows bi-directional communication signals, for HART® smart positioners. Line and load open/short circuit detection is provided: the fault in the field is directly mirrored to the PLC AO and it is also reported by opening the fault output.

FEATURES

SIL 2 / SC 3

Output to Zone 0/Div. 1

Installation in Zone 2/Div. 2

2 fully independent channels

4-20 mA Input, Output Signal

HART® compatible

Line & Load short/open circuit detection

Field fault mirroring to the PLC AO

In-field programmability by DIP Switch

High Accuracy

Three port isolation, Input/Output/Supply

High Density, two channels per unit

