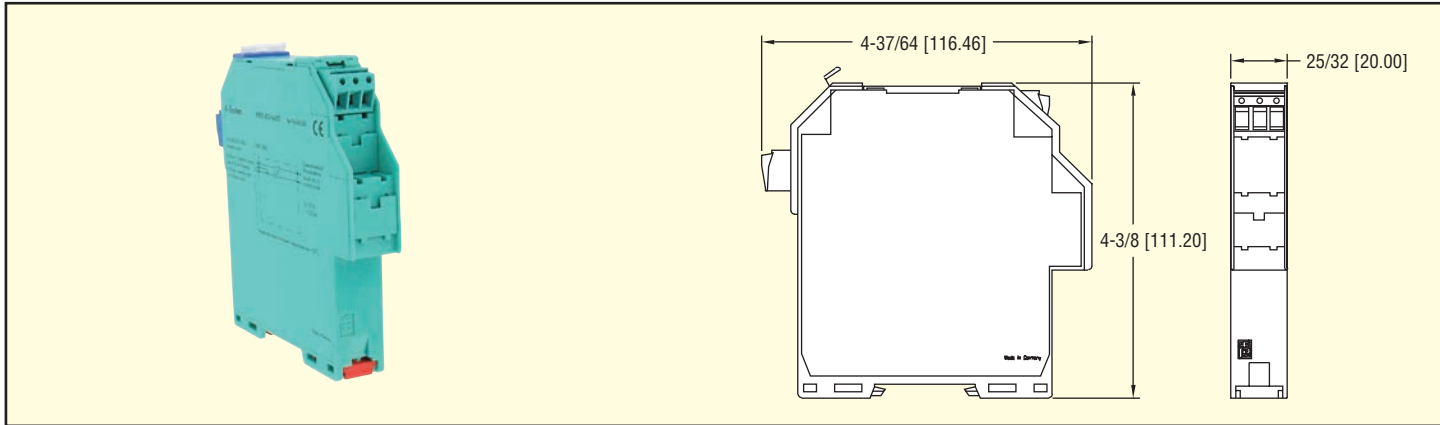




Model
KFD0

Galvanic Barrier

Loop Powered, Intrinsically Safe Isolators



The Model KFD0 Loop Powered, Galvanic Barrier provides complete isolation for communication with Dwyer® intrinsically-safe transmitters approved for use in hazardous areas. Galvanic barrier eliminates the need for a high integrity earth ground required when using shunt type diode type safety barriers. Unlike most other isolators, the Model KFD0 does not require external power and has a low current draw. The housing is designed to easily mount on most standard DIN rails.

Model	Approval	Dwyer Series
KFD0-SCS-EX1.55	FM for Class I, Zone 1, Groups IIC, IIB, IIA; Class I, II, III, Div. 2, Groups A, B, C, D, F, G	HHT-IX

Model	Vo (V)	Io (mA)	Group	μF	mH
KFD0-SCS-EX1.55	23.1	38.2	IIC (A, B)	0.042	0.5
			IIB (C)	0.267	2.5
			IIA (D, F, G)	0.267	2.5

SPECIFICATIONS

Hazardous Area Input:

Signal range: 4 to 20 mA (linear transmission 1 to 22 mA);
Available transmitter voltage: ≥ 16 V for supply voltage > 21 V.

Safe Area Output:

Signal range: 4 to 20 mA;
Transmitter voltage: ≤ 30 VDC.

Response Time: ≤ 20 μs at 0, and ≤ 600 μs at 800 load.

Maximum Power Dissipation: 150 mW @ 20 mA and V < 24 V.

Temperature Limits: -4 to 140°F (-20 to 60°C).

Temperature Drift: ≤ 0.5 μA/°C.

Weight: 4.2 oz (120 g).

Agency Approvals: CE, FM.

Model KFD0-SCS-EX1.55, Loop powered galvanic barrier **\$484.00**®

® Items are subject to Schedule B discounts.

ACCESSORY

A-360, Aluminum DIN Rail 1 m **\$8.00**