

DRM Technic

Suppliers of Gas Analysis Equipment

SM-6-xx [AMP] SWITCH AMPLIFIERS

A variety of switch amplifiers are available for the SM-6-xx Flow Meter. The KFD/KFA single channel switch amplifiers (specified for intrinsically safe circuits) have an alarm relay, broken wire detection, and 3 LED status indicators. Also available is the KCD model - a single channel amplifier with one LED status indicator and broken wire detection.



FEATURES

Rail Mounting (DIN EN 60715) | Intrinsically Safe Input | ATEX, FM, UL, CSA approvals

SPECIFICATIONS

Flow Sensor

Protection Class	IP 67 DIN 40050; approved by PTB 99 ATEX 2128X
Ambient Temperature	- 20 ... + 70 °C
Operating	Bi-stable
Cable Length	2 m

Controllers

Product No.	KFD 2-SR2-Ex 1.W	KFA 5-SR2-EX 1.W	KFA 6-SR2-Ex 1.W	KCD2-E2L 24
Power Supply	20 - 30 V DC	103.5 - 126 V AC 45 - 65 Hz	207 - 253 V AC 45 - 65 Hz	24 V DC
Intrinsically Safe Acc. To	EN 60079-11	EN 60079-11	EN 60079-11	No
Broken Wire Detection	Yes	Yes	Yes	Yes
Approved for	PTB 00 ATEX 2080 ExII(1)GD [Ex ia]IIC Class I A, B, C, D Class II E, F, G Class I Div 1 A, B, C, D Class II Div 1 E, F, G	PTB 00 ATEX 2080 ExII(1)GD [Ex ia]IIC Class I A, B, C, D Class II E, F, G Class I Div 1 A, B, C, D Class II Div 1 E, F, G	PTB 00 ATEX 2080 ExII(1)GD [Ex ia]IIC Class I A, B, C, D Class II E, F, G Class I Div 1 A, B, C, D Class II Div 1 E, F, G	-
Output	Change Over	Change Over	Change Over	Closing PNP - Transistor
Switch Power Output	230 V AC, 2 A	230 V AC, 2 A	230 V AC, 2 A	200 mA DC
Ambient Temp.	- 20 ... + 60 °C	- 20 ... + 60 °C	- 20 ... + 60 °C	-25 ... + 70 °C
Protection Class	IP 20	IP 20	IP 20	IP 20
Dimensions	20 x 118 x 115 mm	20 x 118 x 115 mm	20 x 118 x 115 mm	20 x 63 x 44 mm

For more information, please contact our sales department