



Isolating amplifier with relay output

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The isolating amplifier is a single- channel, self-monitoring amplifier that must be used for the operation of an annular proximity switch in an intrinsically safe circuit. Can be used for annular proximity switch ($\varnothing 10 + \varnothing 17$) and reed switch.

Principle of operation:

By connecting the annular proximity switch or the reed switch to the isolating amplifier an intrinsically safe circuit in accordance with DIN 19234 NAMUR is established. The state is indicated using an LED, the output is provided by a changeover contact.

Technical data:

Voltage:	230 VAC
Power consumption:	3,5 VA
Open circuit voltage:	8 VDC
Short circuit current:	8 mA
IP-rating:	IP 20
Mounting:	nach DIN 50 022
Ex class:	E Ex ia IIB/IIC

Article number:

4S7759KU12

