

Receiver Controller Setpoint Adjuster

Setpoint adjuster used to provide remote setpoint adjustment for receiver-controllers. May also be used to manually pilot pneumatic relays.

Features:

- Allows the setpoint of a pneumatic receiver-controller to be raised or lowered from a location up to 1000 ft. (305 m) from the receiver-controller.
- Able to work with various transmitter ranges.



AKS-1100

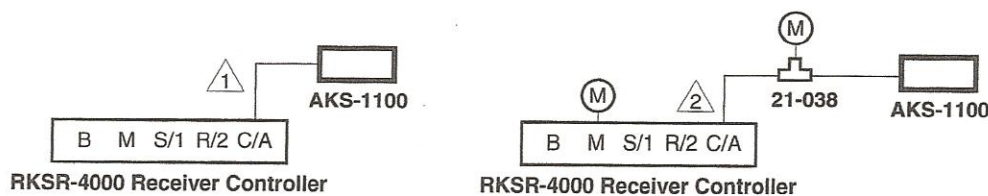
Model Chart

Model No.	Description
AKS-1100	Remote setpoint adjuster.

Specifications

Construction	Aluminum housing, precision flapper-nozzle assembly.
Output	Linear 3 to 15 psig (21 to 102 kPa).
Air pressure	Clean, oil free, dry air required (refer to EN-123).
Maximum	30 psig (207 kPa).
Ambient limits	
Shipping temperatures	-40 to 150°F (-40 to 65°C).
Operating temperatures	40 to 120°F (4 to 49°C).
Humidity	5 to 95% RH, non-condensing.
Air connection	Barbed connection for 1/4 in. O.D. plastic tubing.
Air consumption for sizing air compressor	41.5 scim (11.3 mL/s).
Air capacity for sizing air mains	48 scim (13.1 mL/s).
Mounting	Panel or wall box. Panel requires 5/8 in. (16 mm) hole for mounting the remote setpoint adjuster.
Panel space required	2-3/8 H x 2-1/4 W x 2-1/2 D in. (60 x 57 x 63 mm).

Typical Applications



1. When internal restrictor is used, AKS-1100 must be located within 200 ft. (61 m) of receiver-controller.
2. When external restrictor is used, AKS-1100 must be located within 1000 ft. (305 m) of receiver-controller, and the restrictor must be located within 200 ft. (61 m) of the transmitter (preferably at the transmitter's location). Remove internal restrictor from receiver-controller and install blocking gasket.

Figure 1 Typical Setpoint Adjuster Application.

EPRI Edgemont Precision Rebuilders, Inc
 Matlack Industrial Center
 207 Carter Dr Unit C
 West Chester, PA 19382
 800-356-3774