Grape harvester: Automated track guidance



Deployed to guide the path of the grape harvester, two mic ultrasonic sensors or pico+ ultrasonic sensors continuously measure the distance from the vine rows or trellises. The harvester's control system uses the measured distance values to perform automatic adjustment of the guidance system. In this way, harvesting machines can be driven evenly through vines or trellises.

application areas

Agricultural machinery

SENSORS FOR THIS APPLICATION AREA



mic-35/IU/M

operating range: 65 - 600 mm
Housing: cylindrical M30
Outputs: 1 x analogue 4-20 mA + 0-10 V



mic-130/IU/M

operating range: 200 - 2,000 mm
Housing: cylindrical M30
Outputs: 1 x analogue 4-20 mA + 0-10 V



pico+35/I

operating range: 65 - 600 mm
Housing: cylindrical M18
Outputs: 1 x analogue 4-20 mA



pico+100/I

operating range: 120 - 1,300 mm
Housing: cylindrical M18
Outputs: 1 x analogue 4-20 mA