

API-Cecom Group *n'fo*

Technical & Application Note A141

Application: Monitor engine RPM to control engine torque
Type of Company: Equipment Manufacturer — Engineering Solution Department
Location: Wisconsin

Problem: A customer's motor manufacturer changed the Cummins engine RPM sensor interface so it was no longer compatible with the Parker engine controller. The customer contacted the engineering solution department for the equipment manufacturer to find an interface device to convert the engine sensor Pulse Width Modulated (PWM) output to be compatible with the engine controller on a log harvester.

Solution: API designed a modified version of one of their existing DC voltage converters to be compatible with the input to the engine controller.

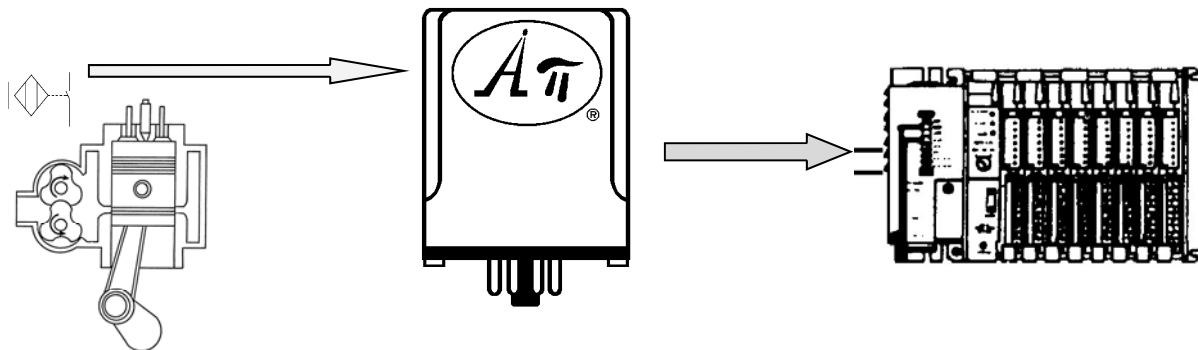


API 4300 G D

DC to DC Isolated Transmitter



Photo by Anne Burgess



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