

Guide for Components of Robotic and Automatic Arc Welding Installations



**AWS D16.2M/D16.2:2021
An American National Standard**

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Guide for Components of Robotic and Automatic Arc Welding Installations

4th Edition

Revises AWS D16.2M/D16.2:2007

Prepared by the
American Welding Society (AWS) D16 Committee on Robotic and Automatic Welding

Under the Direction of the
AWS Technical Activities Committee

Approved by the
AWS Board of Directors

Abstract

AWS D16.2M/D16.2, *Guide for Components of Robotic and Automatic Arc Welding Installations*, provides performance recommendations for evaluating components of a typical robotic or automatic welding installation.

Emphasis is placed on the role of the welding equipment interface. A pin arrangement and specific pin function for each location in a standardized 37-pin connector are proposed.



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