

**AWS D16.2M/D16.2:2007**  
**An American National Standard**



# **Guide for Components of Robotic and Automatic Arc Welding Installations**



**American Welding Society**



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An American National Standard**

**Approved by the  
American National Standards Institute  
August 25, 2006**

# **Guide for Components of Robotic and Automatic Arc Welding Installations**

**3rd Edition**

**Supersedes AWS/NEMA D16.2/D16.2M:2001**

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/D16.2:2007, *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 interface. A pin arrangement and specific pin function for each location in a standardized 37-pin connector are proposed.



**American Welding Society**

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International Standard Book Number: 0-87171-054-4  
American Welding Society  
550 N.W. LeJeune Road, Miami, FL 33126  
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