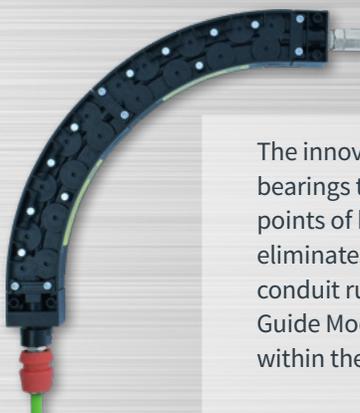


## THE NEW PATH OF LEAST RESISTANCE!



PROUDLY MADE

Two 45° Guide Modules combined to form a 90° turn



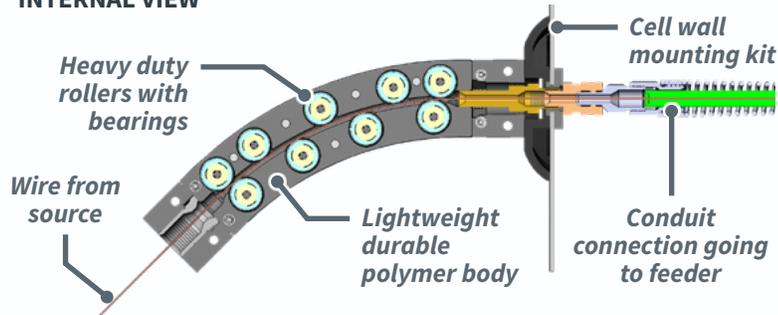
The innovative **Wire Wizard® Guide Module® System** utilizes a series of rollers with bearings to allow the wire to "coast" around bends and corners in the conduit, eliminating points of high friction that occur in these areas. By eliminating friction on the wire, it eliminates arc failures, improves welding consistency and enables considerably longer conduit runs of 100 feet or more, allowing wire packages to be centrally located. Each 45° Guide Module® may be connected to additional modules to form turns of 90°, 135° or 180° within the wire delivery system. Compatible with ferrous and non-ferrous wires.

### FOUR MODELS AVAILABLE TO COVER VIRTUALLY ALL WELDING APPLICATIONS

- ▶ **Standard Guide Module®**  
For solid wires 0.035 – 5/64" (0.9 – 2 mm)
- ▶ **90° Mini Guide Module®**  
For solid wires up to 0.052 (1.3 mm), compact size for tight 90° turns
- ▶ **Heavy Duty Guide Module® HD\***  
For cored and stainless steel wires 0.035 – 5/64" (0.9 – 2 mm)
- ▶ **Large Guide Module® XL\***  
Compatible with large wire 3/32" – 5/32" (2.4 – 4 mm)

\* The Guide Module® HD and Guide Module® XL both contain steel rollers for heavy duty applications

#### INTERNAL VIEW



#### FEATURES & BENEFITS

- ▶ **Eliminates skid friction** on the wire in areas where bends/corners are necessary throughout the wire dispensing system
- ▶ Smooth, low friction wire feeding **improves consistency of welds, eliminates arc failures and reduces downtime**
- ▶ **Turns POUNDS of pull force at the feeder into OUNCES!**
- ▶ Considerably less expensive than alternative methods of eliminating friction on wire over long distances
- ▶ Allows long distance conduit runs of 100 feet + (30.5 m +)
- ▶ Increases life of the conduit and consumables by reducing friction
- ▶ Saves floor space by allowing wire packages to be located closer to the cell wall
- ▶ 45° modules may be connected together to form a 90° turn, 135° turn, 180° turn
- ▶ Tool & Diagnostic Kit available; includes assembly and testing tools
- ▶ **3 YEAR GUARANTEE!** (excludes damage caused by industrial contaminants)

**NEW & IMPROVED DESIGN**  
FOR EASY MAINTENANCE AND TROUBLE-FREE WIRE DELIVERY

45° Guide Module® mounted on drum cover



**45° WIRE GUIDE MODULES**

**WGM-1**  
For solid wire up to 5/64" (2 mm)

**WGM-1-S**  
For cored and stainless wire up to 5/64" (2 mm)

**WGM-LW-1**  
For large wire 3/32" - 5/32" (2.4 mm - 4 mm)



**90° MINI GUIDE MODULE®**

--- 6" (152 mm) ---

Allows tight 90° turns on solid wires up to #052 (1.3 mm)

**WGM-M-1**  
Uses same end caps as WGM-1



**END CAP CONNECTORS**

Each kit includes one A and one B end cap

**End Cap A**

**WGM-ECK-50**  
Use for WGM-1, WGM-1-S and WGM-M-1

**End Cap B**

**WGM-LW-ECK-50**  
For WGM-LW-1



**FACE MOUNT BRACKET KIT**

**ALLOWS 360° DIRECTIONAL ADJUSTMENT**

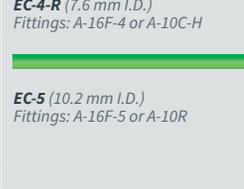
**WGM-A-10BK**  
Add WGM-A5 or order WGM-2-BRKT for insulated connections



**CONDUITS & FITTINGS**

**EC-4-R** (7.6 mm I.D.)  
Fittings: A-16F-4 or A-10C-H

**EC-5** (10.2 mm I.D.)  
Fittings: A-16F-5 or A-10R



**WIRE WIZARD® POLYMER CONDUIT**

**A-16F-#** Screw-on Fitting

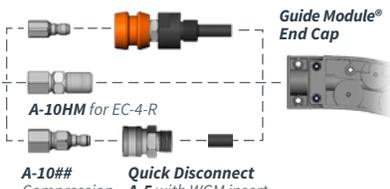
**WGM-A5** All modules except WGM-LW-1

**Guide Module® End Cap**

**A-10HM** for EC-4-R

**A-10##** Compression

**Quick Disconnect A-5** with WGM insert



**CONDUITS & FITTINGS**

**FC-X** (6.1 mm I.D.)  
Fitting: A-10C-X with WGM-A5  
A-10XM without WGM-A5

**FC-XH** (7.4 mm I.D.)  
Fitting: A-10R

**FC-XH-LW** (10 mm I.D.)  
Fitting: A-9R-HD (with A-5HD)  
A-9 (without A-5HD)



**WIRE WIZARD® EXTRA FLEXIBLE CONDUIT**

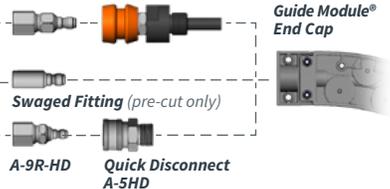
**A-10##** Compression

**WGM-A5** All modules except WGM-LW-1

**Guide Module® End Cap**

**Swaged Fitting** (pre-cut only)

**A-9R-HD** Quick Disconnect A-5HD for WGM-LW-1 only



**CELL WALL MOUNTING KIT**

**SINGLE-SIDED**

**WGM-WK-1-1**



**CELL WALL MOUNTING KIT**

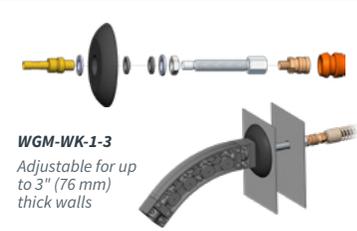
**DOUBLE-SIDED**

**WGM-WK-2-1**



**ADJUSTABLE WALL MOUNT BRACKET**

**WGM-WK-1-3**  
Adjustable for up to 3" (76 mm) thick walls



**FLOOR MOUNTING BRACKET**

**WGM-FLM**  
Modules maybe attached to one or both sides



**GUIDE MODULE® STAND**

**FOR DRUM OR WOOD REEL APPLICATION**

Optional swivel with 90° module

**Direct Pull Kit WWDP**

**WGM-A-10BK**

**Wire Pilot® Feed Assist option**

**Wire Spool option WGM-PFA-STAND-SPOOL**

Drum or Wood Reel

**Guide Module® Stand WGM-PFA-STAND**  
Includes stand and one adjustable extension arm

Adjustable height from 50" - 86" (1.3 - 2.2 m)

Adjustable arm length from 4" - 19" (102 - 483 mm)



**GUIDE MODULE® STAND FOR MEZZANINE APPLICATION**

**FOR APPLICATIONS WHERE WIRE SOURCE IS ABOVE WELD CELL**

**Side Mount Bracket WGM-3-BRKT**

**Direct Pull Kit WWDP**

**Conduit to wire feeder**

**Additional Arm WGM-PFA-STAND-ARM**

**Guide Module® Stand WGM-PFA-STAND**  
Includes stand/one adjustable arm

Drum or Wood Reel

Wire Wizard® Fire Resistant Drum Covers and Dollies Available

Adjustable height from 50" - 86" (1.3 - 2.2 m)

Adjustable arm length from 4" - 19" (102 - 483 mm)



**L-BRACKET MOUNTING KIT**

**WGM-LBM-BRKT**

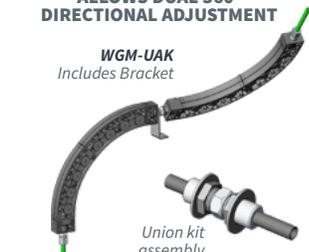


**360° UNION ADAPTER KIT**

**ALLOWS DUAL 360° DIRECTIONAL ADJUSTMENT**

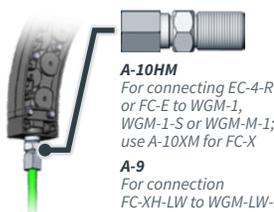
**WGM-UAK**  
Includes Bracket

Union kit assembly



### CONDUIT CONNECTOR OPTIONS

#### THREADED CONNECTORS



**A-10HM**  
For connecting EC-4-R or FC-E to WGM-1, WGM-1-S or WGM-M-1; use A-10XM for FC-X

**A-9**  
For connection FC-XH-LW to WGM-LW-1

#### DETACHABLE QD CONNECTORS

**WGM-A5**  
Insulated connector with quick disconnect

Use for WGM-1, WGM-1-S and WGM-M-1

**A-5HD**  
QD for WGM-LW-1  
Requires HD fittings

### INSULATED FACE MOUNT BRACKET

ALLOWS 360° DIRECTIONAL ADJUSTMENT



**WGM-2-BRKT**

### DRUM HOOD MOUNTING KIT

**WGM-DK**

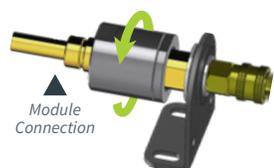


### DIRECT PULL INLET

**WGM-DP-LW**  
Includes ceramic inlet — will not shave wire



### BRACKET MOUNTED SWIVEL KIT



Module Connection

**WGM-SW-BM**

Includes WGM-A-10BK style bracket

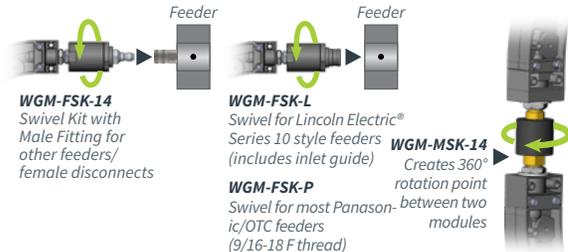
### HOOD SWIVEL KIT

Allows 360° rotation on top of drum cover.



**WGM-HSK-15**

### MODULE / FEEDER SWIVEL KITS



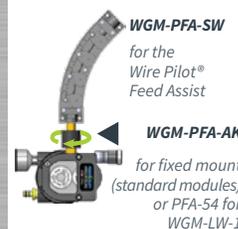
**WGM-FSK-14**  
Swivel Kit with Male Fitting for other feeders/ female disconnects

**WGM-FSK-L**  
Swivel for Lincoln Electric® Series 10 style feeders (includes inlet guide)

**WGM-FSK-P**  
Swivel for most Panasonic ic/OTC feeders (9/16-18 F thread)

**WGM-MSK-14**  
Creates 360° rotation point between two modules

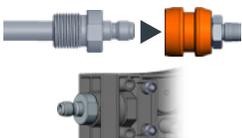
### FEED ASSIST SWIVEL KIT



**WGM-PFA-SW**  
for the Wire Pilot® Feed Assist

**WGM-PFA-AK**  
for fixed mount (standard modules) or PFA-54 for WGM-LW-1

### MALE DISCONNECT FITTINGS



**WGM-049-L**  
Male fitting for WGM-1, WGM-1-S and WGM-M-1

**WGM-LW-049**  
Fitting for WGM-LW-1

### HANGING BRACKET KITS

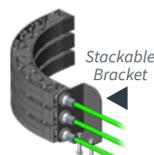


**WGM-1-BRKT**  
45° Hanging Bracket Kit

**WGM-1-90-BRKT**  
90° Hanging Bracket Kit  
WGM-LW-BRKT for WGM-LW-1

### STACKABLE BRACKET

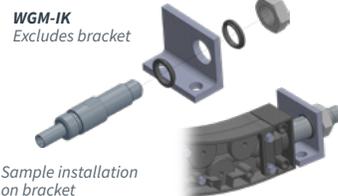
ALLOWS MOUNTING OF UP TO THREE STACKED MODULES



**WGM-SMB-3**

### FEEDER INLET MOUNT KIT

MOUNTS TO FEEDER THROUGH BRACKET OR PANEL

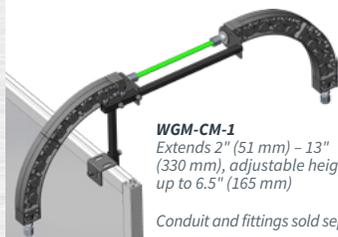


**WGM-1K**  
Excludes bracket

Sample installation on bracket

### ADJUSTABLE EXTENSION ARM

FOR INSTALLATION AT THE TOP OF THE WELD CELL WALL

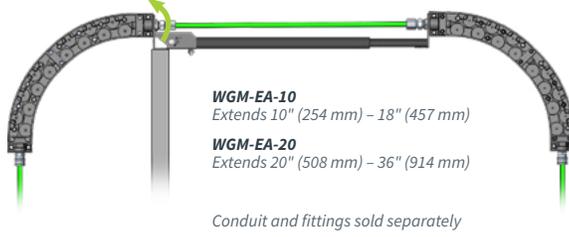


**WGM-CM-1**  
Extends 2" (51 mm) – 13" (330 mm), adjustable height up to 6.5" (165 mm)

Conduit and fittings sold separately

### PIVOTING ADJUSTABLE EXTENSION ARMS

BOTH ARMS PIVOT UPWARD TO ALLOW EASY WIRE FEEDING FROM DRUMS AND REELS



**WGM-EA-10**  
Extends 10" (254 mm) – 18" (457 mm)

**WGM-EA-20**  
Extends 20" (508 mm) – 36" (914 mm)

Conduit and fittings sold separately

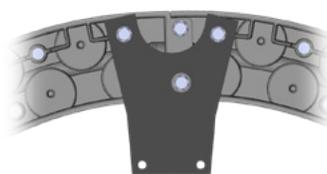
### TURN TABLE MODULE ADAPTER

SECURES MODULES TO WIRE WIZARD® TURN TABLE



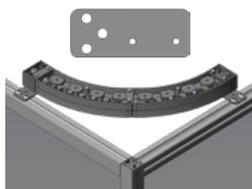
**WGM-4-BRKT**  
Compatible with WGM-1, WGM-1-S and WGM-LW-1

### WELD-ON OR BOLT-ON MOUNTING BRACKET



**WGM-044**

### SUPPORT BRACKET



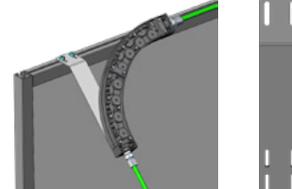
**WGM-021**

### SLOTTED SUPPORT BRACKET



**WGM-024**

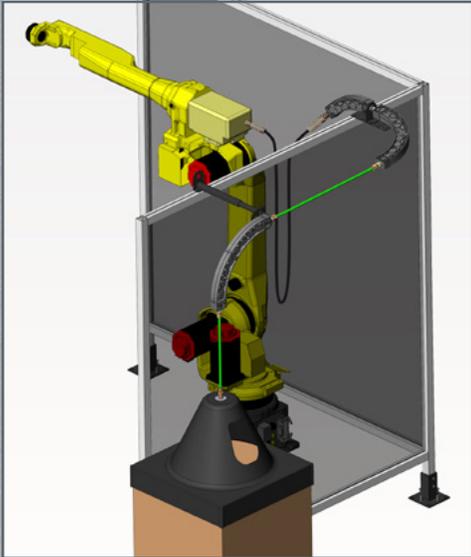
### 45° ANGLE SUPPORT BRACKET



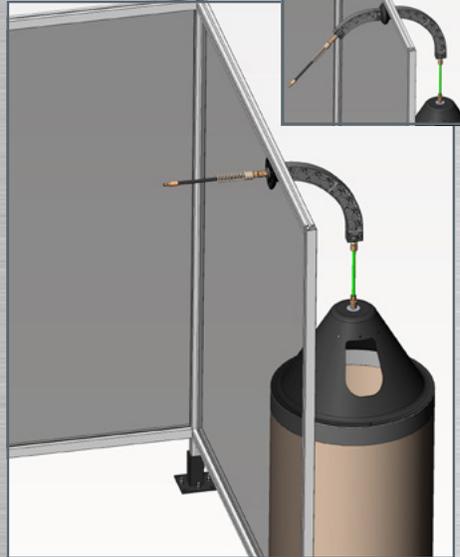
**WGM-025**

# THE NEW PATH OF LEAST RESISTANCE!

## GUIDE MODULE® SAMPLE APPLICATIONS



Setup with Modules mounted on top of cell

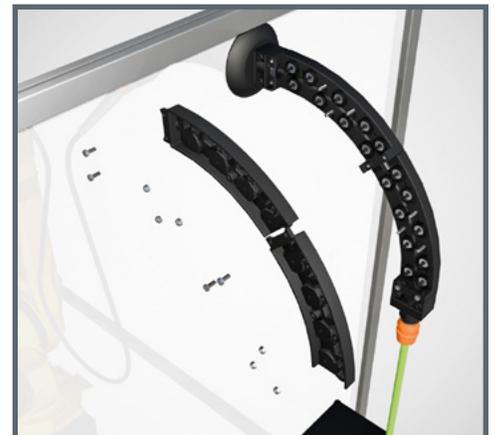
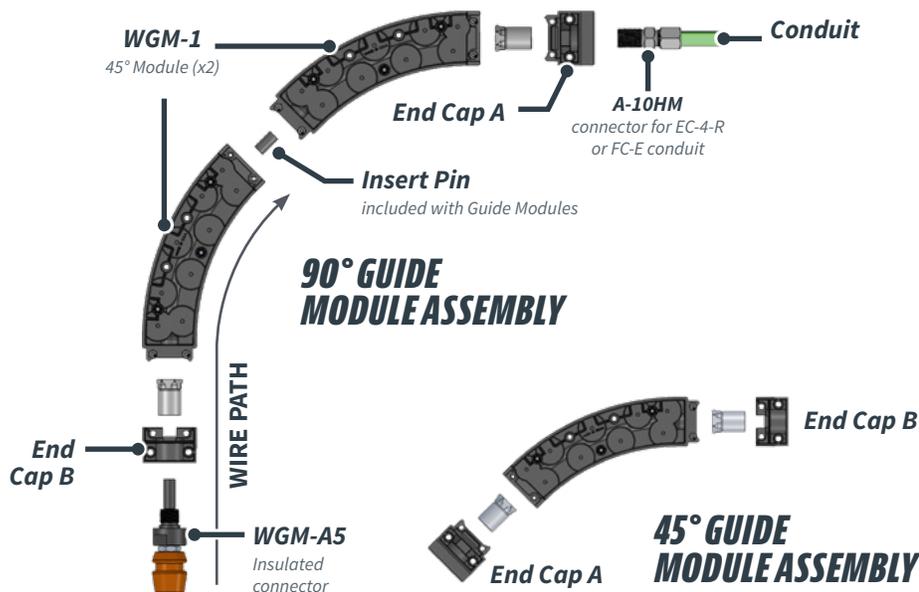


Setup with Modules mounted on cell wall, saving valuable floor space



180° Modules installed on cell with two robots and the Non-Stop® Wire Dispensing System

### GUIDE MODULE® ASSEMBLY



Removable cover provides quick access for troubleshooting and maintenance without uninstalling from the production line