

# GWconnect® Heavy Duty Connectors (HDC) Hoods for Large-Diameter Cables

**molex®**

**Robust GWconnect® Hoods with top-entry and 30°-entry broad-width cable holes support flexible wire-routing to meet the needs of end users connecting large-diameter cables in harsh industrial applications, including robotics**



Top Entry

30° Entry

**Double-Lever Hoods for Large-Diameter Cables**

## Features and Benefits

Broad-width cable entry holes; use with M40, M50, Pg29 and Pg36 cable glands	Suitable for large-diameter cables
Top- and 30°-angle cable exit holes	Provides flexible cable-routing for a wide range of application needs. 30° angle exit hole allows for soft bend radius to protect cables from stress
Robust die-cast aluminium hoods	Ensures high mechanical strength and vibration resistance to supports the weight of large-diameter cables
Available in sizes 16B and 24B with large internal capacity	Accommodates increased volume of large-diameter cables
4 durable stainless steel pegs per hood (two each side)	Facilitates standard double-lever locking system
Forms part of an entire system of HDC housings, hoods, inserts and contacts with industry standard interfaces	Fully intermateable (electrically and mechanically) with competitive systems in the market. Meets the requirements of every market worldwide
Full range of accessories including metallic or plastic cable glands, cups, nuts available	Meets a wide range of customer application requirements

## Applications

### Industrial Automation

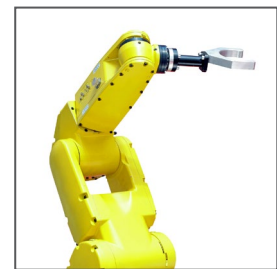
- Machine Builders
  - Industrial Machinery
  - Robotics
  - Welding
  - Construction Equipment
- Power Energy
- Food & Beverage
- Material Handling
- Automatic Assembly equipment



Material Handling



Food & Beverage



Machine Builders

### Commercial Vehicles

- Power, Signal and Hybrid Applications
  - Construction
  - Agriculture
  - Forestry machinery
  - Mining
  - Elevating-Truck Platforms

### Harsh Commercial Products

- Outdoor Displays, Signs

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## Specifications

### REFERENCE INFORMATION

Packaging: Bag or Carton Box  
UL File No.: E249674  
CSA File No.: 256883  
RoHS: Yes

### ELECTRICAL

See brochure specifications

### ENVIRONMENTAL

Protection to IP66  
Durability (min.): 500 mating cycles

### PHYSICAL

Housing: aluminum die-casting  
Hood: aluminum die-casting  
Operating Temperature: -40 to +125°C

## Ordering Information

Component Type	Order No.	Engineering No.	Entry Style	Size	Cable Gland/ Thread Size
Double Lever Hoods for Large-Dia. Cable	93601-4970	7816.6830.5	Top	16B	M40
	93601-4971	7816.6831.5			M50
	93601-4972	7816.6832.5			PG29
	93601-4973	7816.6833.5			PG36
	93601-4974	7816.6834.5	Side		M40
	93601-4975	7816.6835.5			M50
	93601-4976	7816.6836.5			PG29
	93601-4977	7816.6837.5			PG36
	93601-5028	7824.6840.5	Top	24B	M40
	93601-5029	7824.6841.5			M50
	93601-5030	7824.6842.5			PG29
	93601-5031	7824.6843.5			PG36
	93601-5032	7824.6844.5	Side		M40
	93601-5033	7824.6845.5			M50
	93601-5034	7824.6846.5			PG29
	93601-5035	7824.6847.5			PG36

[www.molex.com/product/gwconnect.html](http://www.molex.com/product/gwconnect.html)