



**CONNECT AND PROTECT**

## Cable Entry Systems

  
nvent

**HOFFMAN**

# nVent HOFFMAN Cable Entry Systems

Faster and easier cable feedthrough and assembly



The user-friendly nVent HOFFMAN Cable Entry Systems portfolio makes it faster and easier to feedthrough and install cables into electrical enclosures. The portfolio features sealed entrance points for cables and maintains high ingress protection ratings – IP54 and IP66 – against dust, water and vibration.

As complements to the comprehensive nVent HOFFMAN portfolio of electrical enclosure solutions, these cable entry systems seal and terminate devices to protect electrical equipment inside an enclosure, while maintaining an enclosure's overall integrity and resilience.

**Save time and resources in the field with easy cable maintenance and repair. Get the advantage of tool-free, faster and safer feedthrough for cables**



**50%  
TIME SAVINGS\***



**EASIER  
INSTALLATION  
IN TIGHT SPACES**



**EASILY RETROFIT  
EXISTING CABLE  
ENTRY SYSTEMS**



**SECURE SEALS  
AND STRAIN RELIEF**

\* compared to similar products

# The comprehensive nVent HOFFMAN Cable Entry System product portfolio

## CABLE ENTRY GLAND PLATES

Secure seals and strain relief

Ideally suited for industrial enclosures that require a secure seal and strain relief for cables with or without connector, cable entry gland plates allow openings and grommets to be adapted without dismantling the frame for simplified field modifications. Their modular design enables a quick and easy dimensioning of feedthrough openings, and helps to significantly reduce labor costs.

### CABLE ENTRY GLANDS, OUTSIDE IP66<sup>1,2</sup>



Fast, safe and versatile modular cable entry system provides secure seals and strain relief for pre-assembled and unassembled cables with or without connectors. Made of a sturdy, glass-fiber reinforced plastic. The system comes prepared with inlays to fit small grommets.

**Note:** Order grommets and dividers separately, as needed.

### CABLE ENTRY GLANDS, INSIDE IP66<sup>1,2</sup>



Fast, safe and versatile modular cable entry system mounted and managed outside the enclosure. Provides secure seals and strain relief for pre-assembled and unassembled cables with or without connectors. The system comes prepared with inlays to fit small grommets.

**Note:** Order grommets and dividers separately, as needed.

### CABLE ENTRY GLANDS, ROUND IP66<sup>1,2</sup>



Quick and easy to assemble, consisting of CCFR Frame, CCFRM Adaptor and CCFRM counter Nut, CCFR secures seals and strain relief for pre-assembled and non-assembled cables with or without connectors. Managing everything from the outside of the enclosure and without the need to disassemble and reconnect connectors on cables, the manufacturer's warranty is not voided. The frames, inlays and grommets can be combined in multiple ways, ensuring many versatile configuration options.

### LOCKING FRAMES

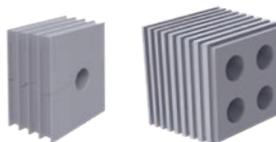


Available as an option, cable entry gland locking frames help ensure grommets stay in place and cannot be removed or pushed out without using tools.

Available in two models:

- Locking frame for cable entry systems mounted and managed from inside the enclosure.
- Locking frame for cable entry systems mounted and managed from outside the enclosure.

### GROMMETS IP66<sup>1,2</sup>



Available in small and large, the conical shape of the grommets allows them to be easily pressed in and provides static strain relief in accordance with DIN EN 62444. Thanks to the wave-cut profile, there is no need to remove the connector on the assembled cabled.

### DIVIDERS IP66<sup>1,2</sup>



With click-in inlays, easily adjust the dimension of the frame opening to the grommet being used. An audible "click" conveniently confirms correct installation. Flexible cable entry configuration makes it easy to accommodate various requirements for cables, lines, tubing, pneumatic and hydraulic lines.

## BUILDING A MORE SUSTAINABLE AND ELECTRIFIED WORLD

At nVent, we believe safer systems ensure a more secure world. We connect and protect with inventive electrical solutions. nVent HOFFMAN creates enclosures and cable protection that boost system resiliency by protecting critical components to extend system lifespan.



<sup>1</sup>NEMA 1,12,4X (Indoor Only)

<sup>2</sup>CE, UL 508A Component Recognized

## CABLE ENTRY PLATES

Easier installation in tight spaces

Ideally suited for applications in which installation must be carried out in a confined space, cable entry plates enable unassembled cables and pneumatic hoses to be quickly and easily inserted into enclosures on a small surface. They are easy to install – simply pierce the surface membrane and push the cables or pneumatic hoses through.

In addition, they provide a very flat, space-saving professional cable entry with a very tight seal, and the special conical shape of the grommet helps ensure optimal strain relief.

### CABLE ENTRY PLATE IP54<sup>2,3</sup>



Fast, cost-effective and tool-free cable entry for incoming cables and/or pneumatic conduits inside an enclosure. Snap-in system designed for 1.5-2.5 mm wall thicknesses.

### CABLE ENTRY PLATE IP66<sup>1,3</sup>



Fast, cost-effective cable entry with a tight seal for incoming cables and/or pneumatic conduits inside an enclosure. Affix with screws or built-in snap-in system designed for 1.5-2.5 mm wall thicknesses.

### CABLE ENTRY PLATE ROUND IP54<sup>1,3</sup>



Quick and easy tool-free installation for incoming or outgoing cables or pneumatic conduits inside an enclosure. Snap-in system designed for 1.5-2.5 mm wall thicknesses.

#### INSTALLATION



1 Place cable entry into cut-out.

2 Press to snap into cut-out.

## CABLE ENTRY ACCESSORIES

Time savings and flexibility

Specially designed for the nVent HOFFMAN cable entry systems, these accessories and tools help streamline and speed cable assembly, and reduce manual labor. Their “one-stop shop” compatibility with enclosure solutions also saves you time.

### CABLE ENTRY TOOL



Ergonomic tool makes it quick and easy to install or uninstall grommets onto or from a frame.

### PUNCHING TOOL



Sheet metal punch tool makes it faster and easier to precisely mark and create breakouts without any chips or splintering. Compatible with common hydraulic pumps.

### BLINDS



Blinds cover unwanted holes quickly and easily – with no need to change the metal part.

### SEALING PLUGS FOR THE CABLE ENTRY PLATE SERIES IP66



Specially designed for the cable entry plates, seals make it easy to close unused holes, while ensuring a high protection rating.

<sup>1</sup>NEMA 1,12,4X (Indoor Only)

<sup>2</sup>NEMA 1,12

<sup>3</sup>CE, UL 508A Component Recognized



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nVent HOFFMAN representative  
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