

COMPACT™ PENDANT ARM SERIES 4 SYSTEM 80, TYPE 12



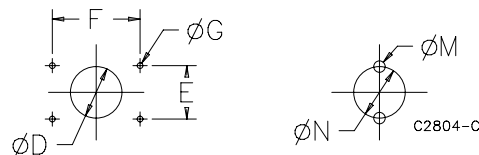
SPECIFICATIONS

- Heavy cast steel and cast aluminum couplings and heavy-wall steel tubing provide excellent structural strength
- Each system includes multiple coupling types and three standard tube lengths (.5 m, 1 m and 2 m) which combine to form numerous configurations
- Steel tubing has 5-mm (0.2-inch) wall thickness. Tubing is cold-formed, welded square and rectangular steel tubes.
- Tubing provides structural integrity and acts as a conduit for equipment wiring
- Removable access plates (provided with set-up joint, elbow and elbow couplings) simplify cable installation inside tubing
- Heavy-duty bearings in all movable joints for convenient, smooth operation and enhanced durability to withstand stresses of repeated use
- Deep tube fittings in all couplings
- Adjustable setscrews allow for accurate alignment of supporting tubes
- Optional pedestal base available
- Gasket is oil-resistant neoprene

FINISH

Couplings are RAL 7035 light-gray polyester powder paint. Access plates and tubing are light-gray. Bellows are black.

Standard Cutouts for Mounting



INDUSTRY STANDARDS

NEMA/EEMAC Type 12
IEC 60529, IP55
DIN 40050

APPLICATION

A heftier version of the Series 2 Pendant Arm, the COMPACT™ Series 4 System 80 Pendant Arms are equally flexible in allowing operators to move controls into and out of position, but they can accommodate heavier weight loads. At 3.3 ft. (1 m), the Series 4 System 80 holds 337 lb. (153.2 kg).

System 80 is recommended for use with CONCEPT HMI and PROLINE™ Sloped Front Enclosures.

Standard Coupling or Standard Elbow Coupling

System	Dia. M (mm)	Dia. M (in.)	Dia. N (mm)	Dia. N (in.)
50	8	0.33	51	2.01

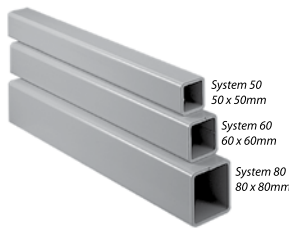
Dimensions for Cutouts

System	50 (mm)	50 (in.)	60 (mm)	60 (in.)	80 (mm)	80 (in.)
Set-Up Joint						
Ø D MAX	70	2.75	70	2.75	105	4.13
E	88	3.47	97	3.82	122	4.82
F	88	3.47	97	3.82	122	4.82
Ø G	11	0.43	11	0.43	13	0.51
Wall Joint or Cable Wall Joint						
Ø D MAX	50	1.97	60	2.36	80	3.15
E	50	1.97	60	2.36	80	3.15
F	107	4.21	115	4.53	138	5.43
Ø G	10	0.41	10	0.41	13	0.51
Wall Flange or Base Bracket						
Ø D MAX	70	2.75	70	2.75	105	4.13
E	88	3.47	93	3.66	122	4.80
F	88	3.47	93	3.66	122	4.80
Ø G	11	0.43	11	0.43	13	0.51
Flange Coupling or Flange Elbow Coupling						
Ø D MAX	51	2.01	65	2.56	91	3.58
E	60	2.36	60	2.36	80	3.15
F	60	2.36	60	2.36	80	3.15
Ø G	7	0.26	7	0.26	7	0.26
Angle Adapter Plate						
Ø D MAX	51	2.01	65	2.56	91	3.58
E	80	3.15	80	3.15	80	3.15
F	120	4.72	120	4.72	120	4.72
Ø G	7	0.26	7	0.26	7	0.26

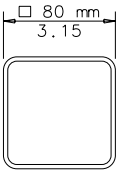
SYSTEM LOAD CAPACITY

The Series 4 Pendant Arm load graph is the result of load capacity tests. Please contact Hoffman for specific application information.

TUBES



Square and rectangular tubes are cold-formed, hollow, welded steel with 5-mm wall thickness. Finish is RAL 7035 light-gray polyester powder paint. Tubing provides structural integrity and acts as a conduit for equipment wiring. Available in 500-, 1000- and 2000-mm lengths. All pendant arm connections are sized to fit appropriate tube sizes.

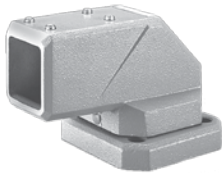


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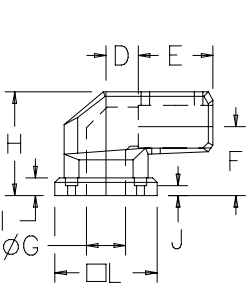
Catalog Number	System	Size mm/in.	Actual Length mm/in.	Weight (lb.)	External Dimensions mm/in.	Wall Thickness Dimensions mm/in.	Inside Cross Section (sq. cm)	Inside Cross Section (sq. in.)
CCS8T5	80	80 x 80	489	13.0	80 sq.	5	49	7.60
		3.10 x 3.10	19.25		3.15	0.20		
CCS8T10	80	80 x 80	991	24.5	80 sq.	5	49	7.60
		3.10 x 3.10	39.00		3.15	0.20		
CCS8T20	80	80 x 80	1988	49.0	80 sq.	5	49	7.60
		3.10 x 3.10	78.25		3.15	0.20		

SET-UP JOINT

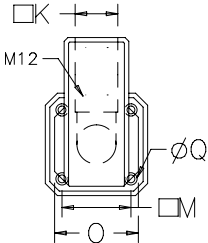


Cast iron finished with RAL 7035 light-gray polyester powder paint. Mounts equipment to horizontal surface. Permits pendant arm to be rotated or turned 306 degrees. Pivot bearing is maintenance-free. Setscrews, removable access plate and gasket are included. Mounting hardware is not provided.

BULLETIN: CS4



Side View



Top View

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Catalog Number	System	L each side mm/in.	H mm/in.	D mm/in.	E mm/in.	F mm/in.	Dia. G mm/in.	I mm/in.	J mm/in.	K each side mm/in.	M each side mm/in.	O mm/in.	Dia. Q mm/in.	Weight (lb.)
CCS8SJLG	80	174	162	56	120	107	75	25	12	80	122	152	13	45.5
		6.85	6.38	2.19	4.72	4.21	2.95	0.98	0.47	3.15	4.80	5.98	0.51	