

COMPACT™ PENDANT ARM SERIES 4 SYSTEM 80, TYPE 12



INDUSTRY STANDARDS

NEMA/EEMAC Type 12
IEC 60529, IP55
DIN 40050

APPLICATION

A heavier 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.

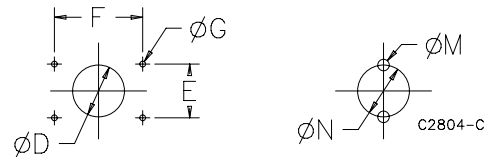
SPECIFICATIONS

- 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



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

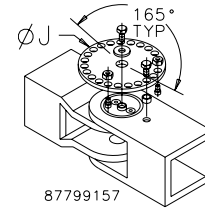
ROTATION LIMITER



Accessory for use with Wall Joint, Cable Wall Joint and Intermediate Joint. Limits the rotation of these joints which normally rotate 180 degrees. Rotation Limiter provides stops in 15-degree increments. The limiter is a heavy-duty steel disk that attaches to the pivot point on each joint. Moveable stop pins provide adjustment.

BULLETIN: CS4

Catalog Number	System	Dia. J (mm)	Dia. J (in.)	Weight (lb.)
CCS814RL	80	119	4.70	1.3



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SWIVEL TILT



Mounts between suspension arm and HMI enclosure to provide both swivel and tilt options for machine operator. Cast aluminum assembly finished with RAL 7035 light-gray polyester powder paint. Center opening for control cables. Tilt knob allows infinite tilt adjustment from horizontal to 30 degrees. Swivel allows 300-degree maximum rotation. Setscrews, seals and enclosure mounting screws are included.

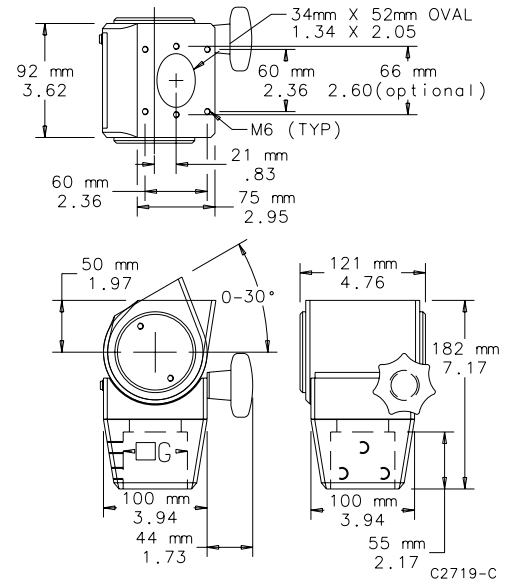
Maximum load for overhead applications is 110 lb. (50 kg).

BULLETIN: CS4



Catalog Number	System	G (mm) each side	G (in.) each side	Weight (lb.)
CCS8STBLG	80	80	3.15	7.0

Not recommended to be used in combination with base with cutout for sloped-front PBSK66 or PBSK66SS.

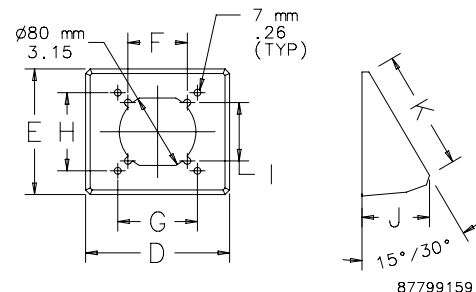


ANGLE ADAPTER PLATE



Cast aluminum finished with RAL 7035 light-gray polyester powder paint. Provides connection between enclosure and flange coupling. Includes gasket and installation hardware.

BULLETIN: CS4



Catalog Number	System	Angle	D mm/in.	E mm/in.	F mm/in.	G mm/in.	H mm/in.	I mm/in.	J mm/in.	K mm/in.	Weight (lb.)
CCS568AA15LG	50, 60, 80	15°	148 5.83	127 5.00	60 2.36	80 3.15	80 3.15	60 2.36	39 1.54	118 4.65	1.0
CCS568AA30LG	50, 60, 80	30°	148 5.83	127 5.00	60 2.36	80 3.15	80 3.15	60 2.36	66 2.66	120 4.72	1.3

For CCS14AA15LG, system 80/140, 15-degree angle, 3.6 lb., see Angle Adapter Plate System 80/140 dimension drawing for dimension information.