

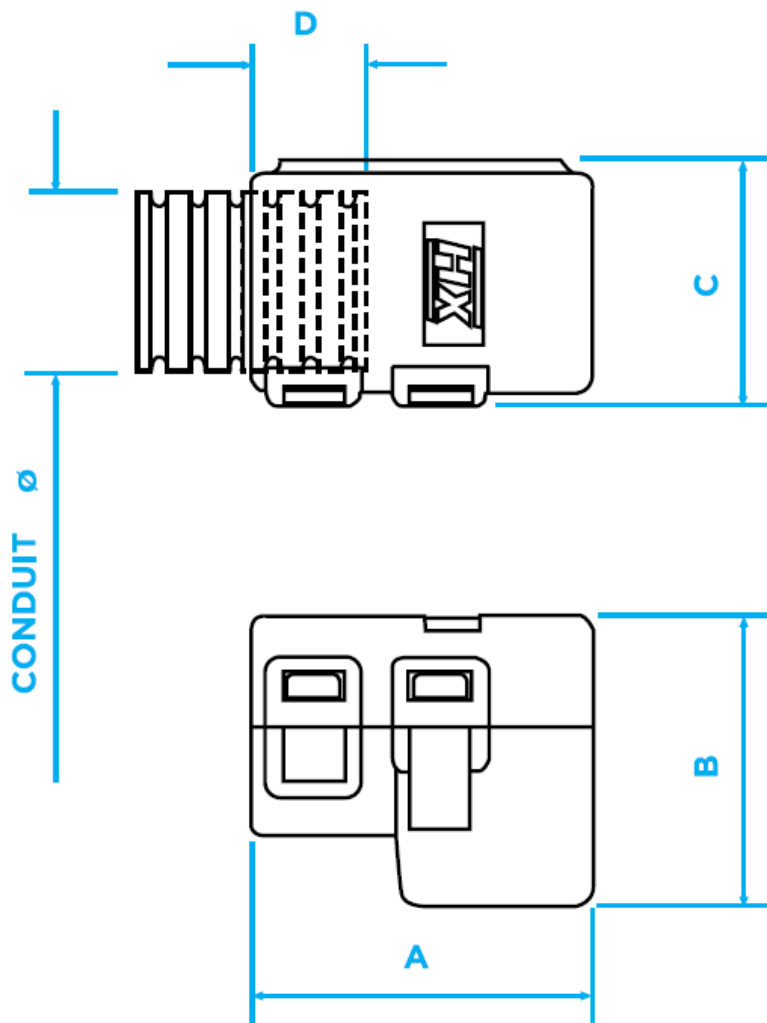
Conduit Systems - Interfaces

AMP Superseal Hinged Connector Interface



Part Number Configuration

Part No. Straight Interface	Conduit Size		Nominal Dimensions (mm)				Connector Reference
	(NC)	(NW)	A	B	C	D	
CI08-AS1	08	7.5	23.6	16.1	18	10	AMP Superseal 1-way
CI08-AS2	08	7.5	22.4	20.5	18	10	AMP Superseal 2-way
CI08-AS3	08	7.5	22.4	26.5	18	10	AMP Superseal 3-way
CI08-AS4	08	7.5	34.0	33.0	18	10	AMP Superseal 4-way
CI10-AS2	10	8.5	34.0	21.0	20	10	AMP Superseal 2-way
CI10-AS3	10	8.5	34.0	27.0	20	10	AMP Superseal 3-way
CI10-AS4	10	8.5	34.0	33.0	20	10	AMP Superseal 4-way
CI12-AS1	12	10	23.6	16.1	18	10	AMP Superseal 1-way
CI12-AS2	12	10	22.4	20.5	18	10	AMP Superseal 2-way
CI12-AS3	12	10	22.4	26.5	18	10	AMP Superseal 3-way
CI12-AS4	12	10	34.0	33.0	19	10	AMP Superseal 4-way



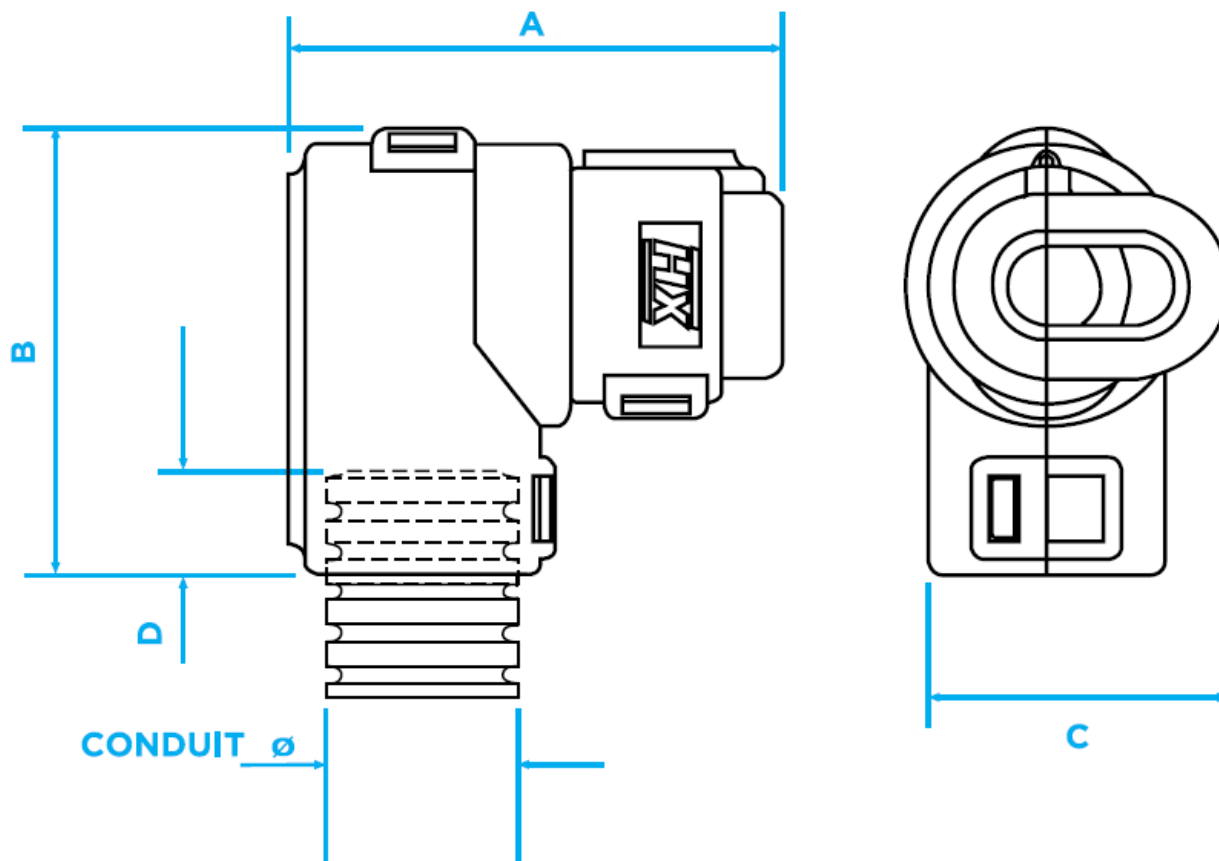
Conduit Systems - Interfaces

AMP Superseal Hinged Connector Interface



Part Number Configuration

Part No. 90° Degree Elbow	Conduit Size		Nominal Dimensions (mm)				Connector Reference
	(NC)	(NW)	A	B	C	D	
CI08-90-AS1	08	7.5	37.5	30.3	18	10	AMP Superseal 1-way
CI08-90-AS2	08	7.5	33.3	30.3	18	10	AMP Superseal 2-way
CI08-90-AS3	08	7.5	33.3	30.3	18	10	AMP Superseal 3-way
CI08-90-AS4	08	7.5	37.0	30.3	18	10	AMP Superseal 4-way
CI10-90-AS2	10	8.5	35.0	38.0	19	10	AMP Superseal 2-way
CI10-90-AS3	10	8.5	35.0	38.0 <td 19	10	AMP Superseal 3-way	
CI10-90-AS4	10	8.5	41.2	38.0	19	10	AMP Superseal 4-way
CI12-90-AS1	12	10	33.3	30.3	18	10	AMP Superseal 1-way
CI12-90-AS2	12	10	33.3	30.3	20.5	10	AMP Superseal 2-way
CI12-90-AS3	12	10	33.3	30.3	26.7	10	AMP Superseal 3-way
CI12-90-AS4	12	10	37.0	30.3	33	10	AMP Superseal 4-way



Conduit Systems - Interfaces

AMP Superseal Hinged Connector Interface



Chemical Resistance Chart

Key:

Suitable :

Limited Suitability :

Unsuitable :

Not Tested :

	Astm No.1		Diesel oil		Methyl Bromide		Sulphur Dioxide (Gas)
	Astm No.2		Diethylamine		MEK		Sulphuric Acid (10%)
	Astm No.3		Ethanol		Nitric Acid (10%)		Sulphuric Acid (70%)
	Acetic Acid (10%)		Ether		Nitric Acid (70%)		Toluene
	Acetone		Ethylamine		Oxalic Acid		Transformer Oil
	Aluminium Chloride		Ethylene Glycol		Ozone (Gas)		1,1,1-Trichloroethane
	Aniline		Ethyl Ethanoate		Paraffin oil		Trichloroethylene
	Benzaldehyde		Freon 32		Petrol		Turpentine
	Benzene		Hydrochloric Acid (10%)		Phenol		Vegetable Oil
	Carbon tetrachloride		Hydrochloric Acid (36%)		Sea Water		Vinyl Acetate
	Chlorine water		Hydrogen Peroxide (35%)		Silver Nitrate		Water
	Chloroform		Hydrogen Peroxide (87%)		Skydrol		White Spirit
	Citric Acid		Lactic Acid		Sodium Chloride		Zinc Chloride
	Copper Sulphate		Lubricating oil		Sodium Hydroxide (10%)		
	Cresol		Methanol		Sodium Hydroxide (60%)		

The information above is given as a guide only and is based on published technical data and experience. The chemical resistance of the above products is dependant on factors such as chemical exposure, concentration of the chemical and temperature. The above chemicals are valid for a temperature of 23°C. Use of the above table is at the users own discretion and risk. Those using it must satisfy themselves that their application presents no health and safety risks. The end user should assess compatibility with their application and contact Thomas & Betts for further information.

ADHERENCE TO THE CURRENT WIRING REGULATIONS BS7671 OR NEC WIRING REGULATIONS (FOR USA) IS STRONGLY ADVISED.

MINIMUM BEND RADIUS FOR FLEXING IS DEPENDANT UPON MINIMUM TEMPERATURE, BENDING FREQUENCY AND CHEMICAL ENVIRONMENT.

Storage Guidelines

To maintain balanced moisture content, Harnessflex recommends storing products under the following conditions:

Storage temp.	Installation temp.	Rel. humidity
18°C to 30°C	>18°C	>30%

If products from an outside environment are brought into a heated processing area, the change in climate may suddenly cause temporary de-moisturisation around the edges. After 24 hours in the processing area a natural balance will be restored.

Observing this storage recommendation ensures optimum process-ability and material properties.