

## Interfaces

### External Hinged Connector Interfaces — AMPSEAL 16®

This range of straight and 90° elbow fittings offers a compact and high-integrity connection between AMPSEAL® automotive connectors and Harnessflex® conduit systems.

These interfaces provide complete cable protection right up to the connector. They also provide strain relief and protection from high-pressure washing, helping to maintain the sealing integrity of the connector.

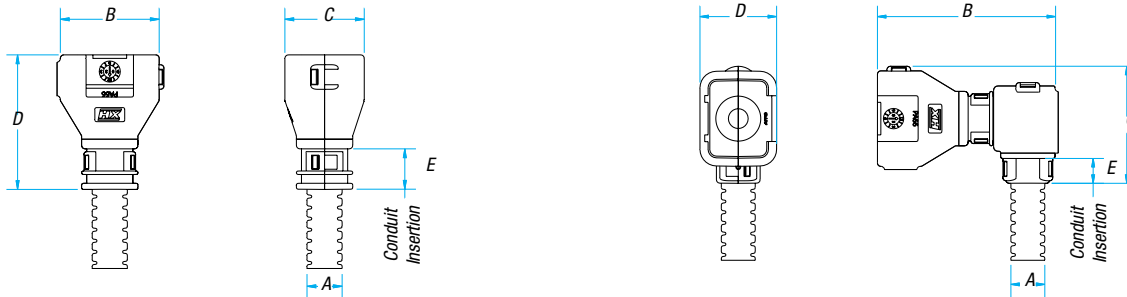
The 90° elbow allows the conduit to swivel 360° around the connector housing, sufficient to avoid the problems associated with one-piece interfaces of overflexing due to movement or vibration.

These fittings are designed to snap together over all types of slit and unslit conduit, thus maintaining maximum conduit bore.

For connector catalog number reference table, see **page E-384**.

#### NEW

Swivel elbows for NC16 (NW13) are now available for all connector interfaces. Contact Thomas & Betts Technical Support for full details.



CAT. NO.	CONNECTOR	CONDUIT SIZE		DIMENSIONS (MM)			
		A	B	C	D	E	
<b>AMPSEAL 16® Straight Interfaces</b>							
CI08-AT2PL	2-Way	NC08	23	18	34	12	
CI08-AT3PL	3-Way	NC08	28	18	33	11	
CI08-AT4PL	4-Way	NC08	29	23	39	13	
CI12-AT4PL	4-Way	NC12	29	23	37	11	
CI12-AT6PL	6-Way	NC12	29	23	37	11	
CI12-AT8PL	8-Way	NC12	32	23	37	11	
CI12-AT12PL	12-Way	NC12	41	23	37	11	
CI16-AT8PL	8-Way	NC16	32	23	37	11	
CI16-AT12PL	12-Way	NC16	41	23	37	11	
CI20-AT20PL	20-Way	NC20	41	23	48	12	
<b>AMPSEAL 16® 90° Elbow Interfaces</b>							
CI08-90-AT2PL	2-Way	NC08	49	32	20	7.1	
CI08-90-AT3PL	3-Way	NC08	49	34	20	7.1	
CI08-90-AT4PL	4-Way	NC08	53	34	23	7.1	
CI12-90-AT2PL	2-Way	NC12	49	32	20	7.1	
CI12-90-AT3PL	3-Way	NC12	49	34	20	7.1	
CI12-90-AT4PL	4-Way	NC12	53	35	23	7.1	

CAT. NO.	CONDUIT SIZE		DIMENSIONS (MM)			
	(NC)	(NW)	B	C	D	E
CI08-90-AT2LP	08	7.5	37.3	25	17	7.1
CI08-90-AT2LR	08	7.5	37.3	25	20	7.1
CI08-90-AT3LP	08	7.5	39.8	29	17.1	7.1
CI08-90-AT3LR	08	7.5	39.8	29	17.1	7.1
CI08-90-AT4LP	08	7.5	40.8	29.4	20.6	7.1
CI08-90-AT4LR	08	7.5	40.8	29.4	20.6	7.1
CI08-90-AT6LP	08	7.5	42.8	29.4	22.5	7.1
CI08-90-AT6LR	08	7.5	42.8	29.4	22.5	7.1
CI12-90-AT2LP	12	10	38	23	20	7.1
CI12-90-AT2LR	12	10	38	23	20	7.1
CI12-90-AT3LP	12	10	40.2	27.1	17.1	7.1
CI12-90-AT3LR	12	10	40.2	27.1	17.1	7.1
CI12-90-AT4LP	12	10	41.1	27.5	20.6	7.1
CI12-90-AT4LR	12	10	41.1	27.5	20.6	7.1
CI12-90-AT6LP	12	10	43.1	27.5	22.5	7.1
CI12-90-AT6LR	12	10	43.1	27.5	22.5	7.1
LP = Plug      LR = Receptacle						
CI08-TY002	08	7.5	26	22.3	22.5	6
CI08-90TY002	08	7.5	36	32	22.5	7.1

Ampseal 16 is a registered trademark of the Whitaker Corporation.

## Technical Information

### Connector Catalog Number Reference

CAT. NO.	REF. NO.	NOTES	CAT. NO.	REF. NO.	NOTES	CAT. NO.	REF. NO.	NOTES	CAT. NO.	REF. NO.	NOTES
CI08-180-K2C			CI08-AS1	282079-2	•	CI12-90-AM3	1-827578-1	•	CI12-AT6PL	776433-1	•
CI08-72585			CI08-AS2	282080-1	•	CI12-90-AM4	281804-1	•	CI12-AT8PL	776494-1	•
CI08-90-AM2	347887-3	•	CI08-AS3	282087-1	•	CI12-90-AS1	282079-2	•	CI12-BC2	1 928 403 137	◆
CI08-90-AM3	1-827578-1	•	CI08-AS4	282088-1	•	CI12-90-AS2	282080-1	•	CI12-BC3	1 928 403 110	◆
CI08-90-AM4	281804-1	•	CI08-AT2PL	776427-1	•	CI12-90-AS3	282087-1	•	CI12-BC4	1 928 403 112	◆
CI08-90-AS1	282079-2	•	CI08-AT3PL	776427-1	•	CI12-90-AS4	282088-1	•	CI12-DT2	DT06-2S	▼
CI08-90-AS2	282080-1	•	CI08-AT4PL	776487-1	•	CI12-90-AT2LP	776427-1	•	CI12-DT3	DT06-3S	▼
CI08-90-AS3	282087-1	•	CI08-AT6PL	776433-1	•	CI12-90-AT2LR			CI12-DT4	DT06-4S	▼
CI08-90-AS4	282088-1	•	CI08-BC2	1 928 403 137	◆	CI12-90-AT2PL	776427-1	•	CI12-DT6	DT06-6S	▼
CI08-90-AT2LP	776427-1	•	CI08-BC3	1 928 403 110	◆	CI12-90-AT3LP	776427-1	•	CI12-DT8	DT06-8SA	▼
CI08-90-AT2LR			CI08-BC4	1 928 403 112	◆	CI12-90-AT3LR			CI12-FCI02		
CI08-90-AT2PL	776427-1	•	CI08-DE001	12078090		CI12-90-AT3PL	776427-1	•	CI12-FCI03		
CI08-90-AT3LP	776427-1	•	CI08-DT2	DT06-2S	▼	CI12-90-AT4LP	776487-1	•	CI12-FCI04		
CI08-90-AT3LR			CI08-DT3	DT06-3S	▼	CI12-90-AT4LR			CI12-FCI14		
CI08-90-AT3PL	776427-1	•	CI08-DT6	DT06-6S	▼	CI12-90-AT4PL	776487-1	•	CI12-MF2		
CI08-90-AT4LP	776487-1	•	CI08-F2W			CI12-90-AT6LP	776433-1	•	CI12-WP2		
CI08-90-AT4LR			CI08-FCI02			CI12-90-AT6LR			CI12-X01		
CI08-90-AT4PL	776487-1	•	CI08-FCI03			CI12-90-BC2	1 928 403 137	✓	CI16-90-AT8PL	776494-1	•
CI08-90-AT6LP	776433-1	•	CI08-FCI04			CI12-90-BC3	1 928 403 110	✓	CI16-90-DT12	DT06-12SA	▼
CI08-90-AT6LR			CI08-GT153			CI12-90-BC4	1 928 403 112	✓	CI16-90-DT8	DT06-8SA	▼
CI08-90-BC2	1 928 403 137	◆	CI08-GT153-Z			CI12-90-DT12	DT06-12SA	▼	CI16-90-FCI14		
CI08-90-BC3	1 928 403 110	◆	CI08-MF2			CI12-90-DT2	DT06-2S	▼	CI16-AT12PL	776494-1	•
CI08-90-BC4	1 928 403 112	◆	CI08-MMP2			CI12-90-DT3	DT06-3S	▼	CI16-AT8PL	776494-1	•
CI08-90-DE001			CI08-MP2			CI12-90-DT4	DT06-4S	▼	CI16-DT12	DT06-12SA	▼
CI08-90-DT2	DT06-2S	▼	CI08-MP3			CI12-90-DT6	DT06-6S	▼	CI16-DT8	DT06-8SA	▼
CI08-90-DT2C			CI08-NV001			CI12-90-DT8	DT06-8SA	▼	CI16-FCI14		
CI08-90-DT3	DT06-3S	▼	CI08-PTD2			CI12-90-DTP04			CI16-LK20		
CI08-90-DT4	DT06-4S	▼	CI08-SU4			CI12-90-FCI02			CI17-FCI10		
CI08-90-DT6	DT06-6S	▼	CI08-TY002	184002-1	✓	CI12-90-FCI03			CI201220-DRC50		
CI08-90-FCI02			CI08-WP2			CI12-90-FCI04			CI202820-DRC50		
CI08-90-FCI03			CI08-WS2			CI12-90-FCI14			CI20-A31		
CI08-90-FCI04			CI10-90			CI12-90-GT153			CI20-AT12PL	776494-1	•
CI08-90-FCI14			CI10-90-AM2	347887-3	•	CI12-90-K2C			CI251225-DRC50		
CI08-90-FCS02			CI10-90-AM3	1-827578-1	•	CI12-90-K3C			CI252825-DRC50		
CI08-90-GT153			CI10-90-AM4	281804-1	•	CI12-90-MMP2			CI25-A31		
CI08-90-K2C			CI10-90-AS2	282080-1	•	CI12-90-MP2			CI25-FCI50		
CI08-90-K3C			CI10-90-AS3	282087-1	•	CI12-90-MP3			CI28-90-25		
CI08-90-MMP2			CI10-90-AS4	282088-1	•	CI12-90-WP2			CI28-BC40		
CI08-90-MP2			CI10-AM2	347887-3	•	CI12-90-X01			CI28-CCU138		
CI08-90-MP3			CI10-AM3	1-827578-1	•	CI12-AM2	347887-3	•	CI32-A31		
CI08-90-NV001			CI10-AM4	281804-1	•	CI12-AM3	1-827578-1	•	CI-DT2C		
CI08-90-PTD2			CI10-AS2	282080-1	•	CI12-AM4	281804-1	•	CI-FCS02		
CI08-90-S			CI10-AS3	282087-1	•	CI12-AS1	282079-2	•	CI-K2C		
CI08-90-SU4			CI10-AS4	282088-1	•	CI12-AS2	282080-1	•	CI-K3C		
CI08-90-WP2			CI10-MF2			CI12-AS3	282087-1	•	CI-MF-90		
CI08-AM2	347887-3	•	CI121212-DRC50			CI12-AS4	282088-1	•	CIS-90		
CI08-AM3	1-827578-1	•	CI122812-DRC50			CI12-AT12PL	776494-1	•			
CI08-AM4	281804-1	•	CI12-90-AM2	347887-3	•	CI12-AT4PL	776487-1	•			

• All Color and Wire Variants    ◆ All Bosch Compact Variants    ▼ All Color Variants    ✓ All Color and Key Variants