

CHART 1: CONNECTOR CODES

3-PIN	<p>CODE J: AMP FASTON SPADE CONNECTOR</p> <p>NOTE: NO PIN-OUT CODE NEEDED WITH THIS CONNECTOR.</p>	<p>CODE K: AMP FASTON RECEPTACLE CONNECTOR</p> <p>NOTE: NO PIN-OUT CODE NEEDED WITH THIS CONNECTOR.</p>
	<p>CODE L: AMP FEMALE MATE-N-LOK CONNECTOR</p> <p>USES PIN CONTACT</p>	<p>CODE M: AMP MALE MATE-N-LOK CONNECTOR</p> <p>USES SOCKET CONTACT</p>
	<p>CODE O: PACKARD ELECTRIC WEATHER PACK SHROUD CONNECTOR</p> <p>USES MALE TERMINAL</p>	<p>CODE P: PACKARD ELECTRIC WEATHER PACK TOWER CONNECTOR</p> <p>USES FEMALE TERMINAL</p>
	<p>CODE Q: DEUTSCH DT FEMALE CONNECTOR</p> <p>USES PIN CONTACT</p>	<p>CODE R: DEUTSCH DT MALE CONNECTOR</p> <p>USES SOCKET CONTACT</p>
	<p>CODE S: PACKARD ELECTRIC METRIPACK FEMALE CONNECTOR</p> <p>USES MALE TERMINAL</p>	<p>CODE T: JST VH FEMALE CONNECTOR</p> <p>USES FEMALE TERMINAL, INCLUDES COMPRESSION FITTING</p>
	4-PIN	<p>CODE U: PACKARD ELECTRIC WEATHER PACK SHROUD CONNECTOR</p> <p>USES MALE TERMINAL</p>
<p>CODE W: DEUTSCH DT FEMALE CONNECTOR</p> <p>USES PIN CONTACT</p>		

NOTE: ON 3-PIN CONNECTORS THE GREEN WIRE WILL BE TRIMMED OFF.

HOW TO ORDER:

THIS SYSTEM IS TO BE USED FOR 344B, 346B & 356B BALL VALVES AND 440B, 450B, 460B & 490B BALL VALVE MANIFOLDS EQUIPPED WITH ELECTRICAL CONNECTORS. CONNECTOR AND PIN-OUTS ARE TO BE SPECIFIED IN VALVE OR MANIFOLD PART NUMBER WHEN ORDERING.

FIRST- SPECIFY CODE FOR CONNECTOR DESIRED (SEE CHART 1 ON LEFT).

SECOND- SPECIFY APPROPRIATE WIRE PIN-OUT ARRANGEMENT (SEE CHART 2 ON RIGHT).

SHUT-OFF VALVE PART NUMBER EXAMPLE:

356BEC-CLB

CONNECTOR CODE →
PIN-OUT CODE →

BEC WIRING CONNECTIONS:
RED WIRE (CONSTANT +12VDC)
BLACK WIRE (GROUND)
WHITE WIRE (SWITCHED +12VDC)
GREEN WIRE (NOT USED)

BE/BR WIRING CONNECTIONS:
RED WIRE (+12VDC TO OPEN)*
BLACK WIRE (-12VDC TO OPEN)*
WHITE WIRE (NOT USED)
GREEN WIRE (NOT USED)
*NOTE: REVERSE POLARITY TO CLOSE.
REQUIRES DPDT SWITCH.

NOTE: USE "VX" CONNECTOR AND PIN-OUT CODE FOR SHUT-OFF VALVES BEING USED WITH TEEJET 744A CONTROLLERS FITTED WITH 4-PIN CONNECTOR HARNESS.

CHART 2: PIN-OUT CODES

CODE LETTER	CONNECTOR POSITION			
	A OR 1	B OR 2	C OR 3	D OR 4
A	R	W	G	B
B	R	W	B	G
C	R	B	W	G
D	R	B	G	W
E	R	G	W	B
F	R	G	B	W
G	W	R	B	G
H	W	R	G	B
I	W	G	R	B
J	W	G	B	R
K	W	B	R	G
L	W	B	G	R
M	G	R	W	B
N	G	R	B	W
O	G	W	R	B
P	G	W	B	R
Q	G	B	R	W
R	G	B	W	R
S	B	R	W	G
T	B	R	G	W
U	B	W	R	G
V	B	W	G	R
W	B	G	R	W
X	B	G	W	R

WIRE COLOR CODE:
R=RED W=WHITE
G=GREEN B=BLACK

DESCRIPTION:
3- AND 4-PIN ELECTRICAL CONNECTORS AND PIN-OUT CODES FOR ELECTRIC BALL VALVES AND MANIFOLDS



Spraying Systems Co.®
Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60187-7901

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