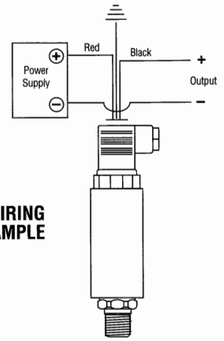
SERIES 625/626



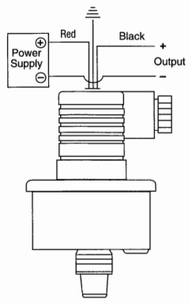
2 WIRE WIRING DIAGRAM EXAMPLE

Load Limitations 4-20mA Output Only
Vmin = 10V + (.020 x RL)
RL = Rs + Rw
RL = Loop Resistance (ohms)
Rs = Sense Resistance (ohms)
Rw = Wire Resistance (ohms)

Series 625/626	4-20mA 2-Wire
+ Supply	Red/1/A
+ Output	Black/2/B
Case ground	non-shielded/4

Example: Red/1/A = Applicable color wire/din plug number or bendix pin.

SERIES 630



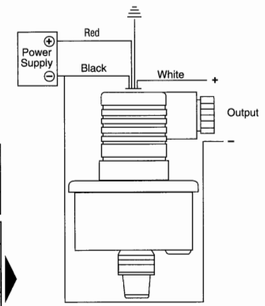
2 WIRE WIRING DIAGRAM EXAMPLE

Load Limitations 4-20mA Output Only
Vmin = 12V + (.020 x RL)
RL = Rs + Rw
RL = Loop Resistance (ohms)
Rs = Sense Resistance (ohms)
Rw = Wire Resistance (ohms)

Series 630	4-20mA 2-Wire
+ Supply	Red/1
+ Output	Black/2

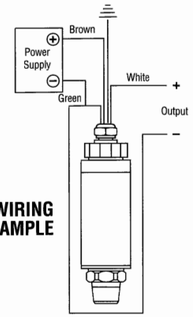
Series 630	Voltage Output
+ Supply	Red/1
Common	Black/2
+ Output	White/3

Example: Red/1 = Applicable color wire/din plug number.



3 WIRE WIRING DIAGRAM EXAMPLE

SERIES 640

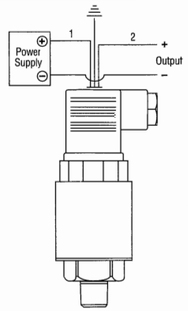


3 WIRE WIRING DIAGRAM EXAMPLE

Load Limitations 4-20mA Output Only
Vmin = 10V + (.020 x RL)
RL = Rs + Rw
RL = Loop Resistance (ohms)
Rs = Sense Resistance (ohms)
Rw = Wire Resistance (ohms)

Series 640	0...20mA/0... 5VDC 4...20mA/0...10VDC	
+Supply:	1,A	brown
-Supply:	2,B	green
+Output:	3,C	white
-Output:	2,B	green
Case ground	5,E	blue

SERIES 690

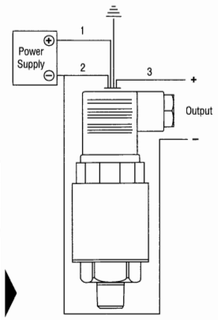


2 WIRE WIRING DIAGRAM EXAMPLE

Load Limitations 4-20mA Output Only
Vmin = 13V + (.020 x RL)
RL = Rs + Rw
RL = Loop Resistance (ohms)
Rs = Sense Resistance (ohms)
Rw = Wire Resistance (ohms)

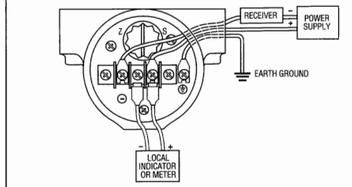
Series 690	4-20mA 2-Wire
+ Supply	1
+ Output	2

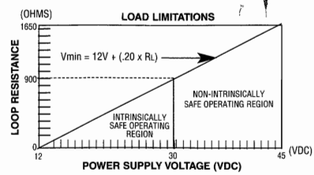
Series 690	Voltage Output
+ Supply	1
Common	2
+ Output	3

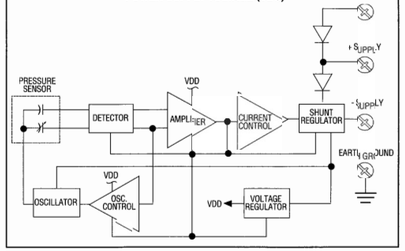


3 WIRE WIRING DIAGRAM EXAMPLE

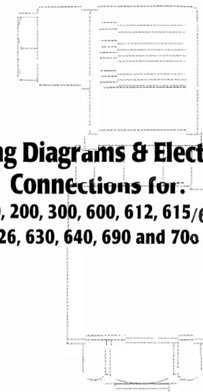
SERIES 700







NOSHOK TRANSMITTERS TRANSDUCERS



Wiring Diagrams & Electrical Connections for:

100, 200, 300, 600, 612, 615/616, 625/626, 630, 640, 690 and 700 series

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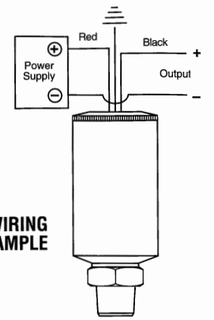
NWD 00

SERIES 100



2 WIRE WIRING DIAGRAM EXAMPLE

Load Limitations 4-20mA Output Only
Vmin = 10V + (.020 x RL)
RL = Rs + Rw
RL = Loop Resistance (ohms)
Rs = Sense Resistance (ohms)
Rw = Wire Resistance (ohms)

Series 100	4-20mA 2-Wire
+ Supply	Red/1/A
+ Output	Black/2/B

Example: Red/1/A = Applicable color wire/din plug number or bendix pin.

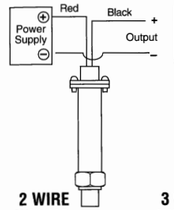
SERIES 200

3 WIRE WIRING DIAGRAM EXAMPLE

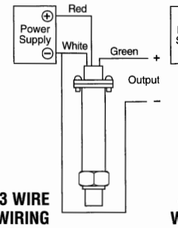
Series 200	0-5, 1-6, 0-10 1-11 VDC 3-WIRE
+ Supply	Red/1/A
Common	Black/2/B
+ Output	White/3/C

Example: Red/1/A = Applicable color wire/din plug number or bendix pin.

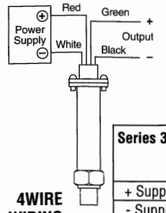
SERIES 300



2 WIRE WIRING DIAGRAM EXAMPLE



3 WIRE WIRING DIAGRAM EXAMPLE



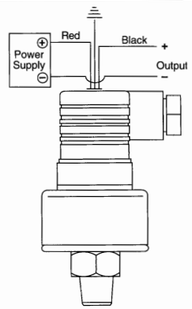
4WIRE WIRING DIAGRAM EXAMPLE

Load Limitations 4-20mA Output Only
Vmin = 12V + (.022 x RL)
RL = Rs + Rw
RL = Loop Resistance (ohms)
Rs = Sense Resistance (ohms)
Rw = Wire Resistance (ohms)

Series 300	MV 4 WIRE	4-20mA 2 WIRE	1-5, 1-6, 1-11VDC 3 WIRE	0-5, 0-10 VDC 4 WIRE
+ Supply	Red/A/1	Red/A/1	Red/A/4	Red/A/4
- Supply	White/D/4	-	White/D 2	White/D/2
+ Output	Green/B/3	Black/B/2	Green/B/1	Green/B/1
- Output	Black/C/2	-	-	Black/C/3

Example: Red/1/A = Applicable color wire/din plug number or bendix pin.

SERIES 600



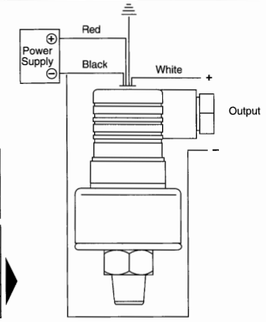
2 WIRE WIRING DIAGRAM EXAMPLE

Load Limitations 4-20mA Output Only
Vmin = 10V + (.020 x RL)
RL = Rs + Rw
RL = Loop Resistance (ohms)
Rs = Sense Resistance (ohms)
Rw = Wire Resistance (ohms)

Series 600	4-20mA 2-Wire
+ Supply	Red/1
+ Output	Black/2

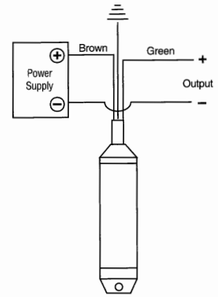
Series 600	Voltage Output
+ Supply	Red/1
Common	Black/2
+ Output	White/3

Example: Red/1 = Applicable color wire/din plug number.



3 WIRE WIRING DIAGRAM EXAMPLE

SERIES 612

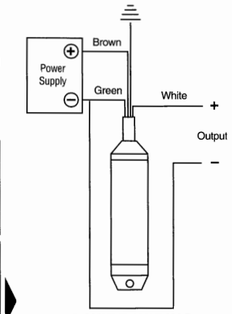


2 WIRE WIRING DIAGRAM EXAMPLE

Load Limitations 4-20mA Output Only
Vmin = [10V + (.020 x RL)] - 0.137 per ft x cable length
RL = Rs + Rw
RL = Loop Resistance (ohms)
Rs = Sense Resistance (ohms)
Rw = Wire Resistance (ohms)

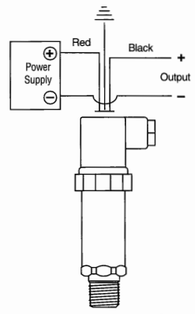
Series 612	4-20mA 2-Wire
+ Supply	Brown
+ Output	Green
Case ground	Blue

Series 612	Voltage Output
+ Supply	Brown
Common	Green
+ Output	White
Case ground	Blue



3 WIRE WIRING DIAGRAM EXAMPLE

SERIES 615/616



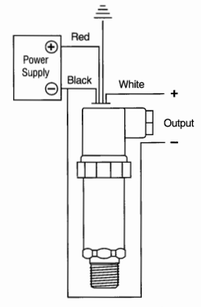
2 WIRE WIRING DIAGRAM EXAMPLE

Load Limitations 4-20mA Output Only
Vmin = 12V + (.020 x RL)
RL = Rs + Rw
RL = Loop Resistance (ohms)
Rs = Sense Resistance (ohms)
Rw = Wire Resistance (ohms)

Series 615/616	4-20mA 2-Wire
+ Supply	Red/1/A
+ Output	Black/2/B

Series 615/616	Voltage Output
+ Supply	Red/1/A
Common	Black/2/B
+ Output	White/3/C

Example: Red/1/A = Applicable color wire/din plug number or bendix pin.



3 WIRE WIRING DIAGRAM EXAMPLE