

Series 9000

42 G R F - 9 1 0 0 - QD1

42G = 9000 Series
42K = Darkroom

R = Standard
T = Timing added
D = Diagnostics

Scan Type
U = Retroreflective
P = Diffuse
L = Transmitted Beam Light Source
R = Transmitted Beam Receiver
F = Fiber Optic
C = ClearSight – Clear Object

0 = Infrared
1 = Visable Red
2 = Polarized/Visable Red
5 = Intrinsically Safe

0 = Standard
L = Laser
4 = Short Range (10Ft) Diffuse or Intrinsically Safe Emitter or Long Range Emitters (>250')
7 = Long Range (15Ft) Diffuse

X-Blank = 2m 300V Cable Terry Whitehead 4/23/2003

0-QD = 4 Pin Micro DC QD

0-QD1 = 4 Pin Mini QD

1-QD = 5 Pin Mini AC QD

2-QD = 5 Pin Mini AC QD

3-QD = 4 Pin Mini AC QD

3-QD1 = 4 Pin AC Micro QD

2-QD6 = to match Banner OPBA2QDA3 no Diagnostics

2-QD7 = to match Banner OPBA2QD no Diagnostics

2-QD8 = to match Banner OPBA2QDA3 with Diagnostics

2-QD9 = to match Banner OPBA2QD with diagnostics

0-QD3 = DaimlerChrysler 3Pin Mini AC

3-QD3 = DaimlerChrysler 5 Pin Mini AC

0-QD4 = DaimlerChrysler 3 Pin Micro AC

3-QD4 = DaimlerChrysler 5 Pin Micro AC

0 = 10-40Vdc, 30ma

1 = SPDT EM Relay, 10-55Vdc/20-40Vac 50/60Hz, 40ma

2 = SPDT EM Relay, 70-264Vac 50/60Hz, 15ma

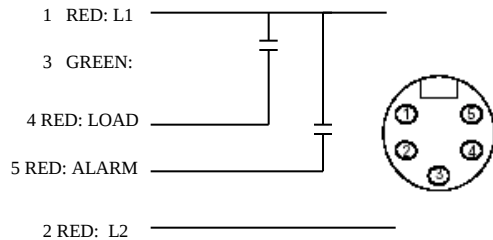
3 = Solid State Isolated N.O., 45-264Vdc/40-264Vac 50/60Hz, 15ma

4 = For Diagnostic Sensors - Sensor SPST Relay N.O., Diagnostic SPDT N.O./N.C., 95-264Vdc/90-264Vac 50/60Hz, 15ma

5 = For Diagnostic Sensors - Sensor SPST Relay N.C., Diagnostic SPDT N.O./N.C., 95-264Vdc/90-264Vac 50/60Hz, 15ma

Legacy - Banner Wiring Diagrams

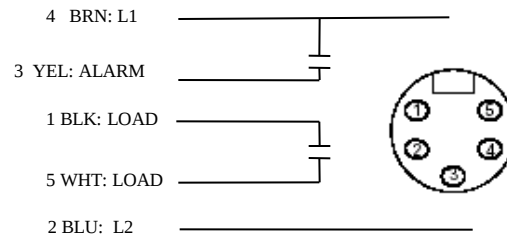
OPBA2QDA3



QD6 models (no diagnostic)

QD8 models (diagnostic)

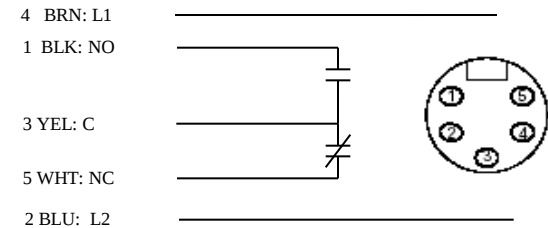
OPBA2QD



QD7 models (no diagnostic)

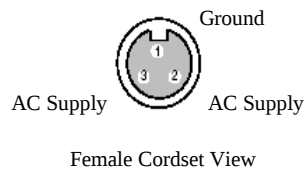
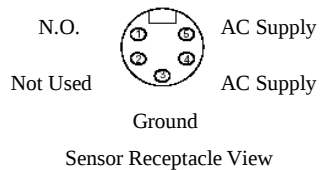
QD9 models (diagnostic)

OPBA5QD (42GRx-9xx2-QD models)

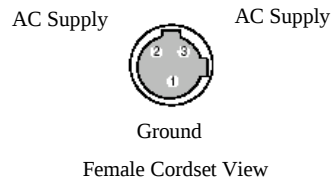
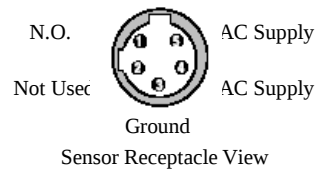


DaimlerChrysler Wiring Diagrams

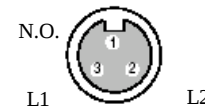
QD3 Mini



QD4 Micro



QD11 Mini



QD6 Base models (5-pin miniQD)

42GRx-9xx3 wired with no diagnostic

QD8 base models (5-pin mini QD)

42GDx-9xx4 wired with diagnostic

QD7 base models (5-pin mini QD)

42GRx-9xx3 wired with no diagnostic

QD9 base models (5-pin mini QD)

42GDx-9xx4 wired with diagnostic

QD10 base models (5-pin mini QD)

42GRL-9040 with L1 and L2 reversed

QD11 base models (3-pin mini QD)

42GRx-9x03 wired as SM2A912LVAGQD