

3. CH2 PID Constant Setting. **FUNC** key + **DISP** key EG2 Lights.

Display and set point at delivery from factory	Set item	Set point by user	Display and set point at delivery from factory	Set item	Set point by user
P - 1 100.0	Group 1 proportional band 0.0 to 1000.0%	P - 1	P - 3 100.0	Group 3 proportional band 0.0 to 1000.0%	P - 3
I - 1 0	Group 1 integral time 0 to 3600 sec.	I - 1	I - 3 0	Group 3 integral time 0 to 3600 sec.	I - 3
d - 1 0	Group 1 derivative time 0 to 1200 sec.	d - 1	d - 3 0	Group 3 derivative time 0 to 1200 sec.	d - 3
rE - 1 50.0	Group 1 manual reset 0.0 to 100.0%	rE - 1	rE - 3 50.0	Group 3 manual reset 0.0 to 100.0%	rE - 3
oL - 1 0.0	Group 1 control output low limit -5.0 to high limit %	oL - 1	oL - 3 0.0	Group 3 control output low limit -5.0 to high limit %	oL - 3
oH - 1 100.0	Group 1 control output high limit Low limit to 105.0%	oH - 1	oH - 3 100.0	Group 3 control output high limit Low limit to 105.0%	oH - 3
P - 2 100.0	Group 2 proportional band 0.0 to 1000.0%	P - 2	P - 4 100.0	Group 4 proportional band 0.0 to 1000.0%	P - 4
I - 2 0	Group 2 integral time 0 to 3600 sec.	I - 2	I - 4 0	Group 4 integral time 0 to 3600 sec.	I - 4
d - 2 0	Group 2 derivative time 0 to 1200 sec.	d - 2	d - 4 0	Group 4 derivative time 0 to 1200 sec.	d - 4
rE - 2 50.0	Group 2 manual reset 0.00 to 100.0%	rE - 2	rE - 4 50.0	Group 4 manual reset 0.0 to 100.0%	rE - 4
oL - 2 0.0	Group 2 control output low limit -5.0 to high limit %	oL - 2	oL - 4 0.0	Group 4 control output low limit -5.0 to high limit %	oL - 4
oH - 2 100.0	Group 2 control output high limit Low limit to 105.0%	oH - 2	oH - 4 100.0	Group 4 control output high limit Low limit to 105.0%	oH - 4

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Display and set point at delivery from factory	Set item	Set point by user	Display and set point at delivery from factory	Set item	Set point by user
P - 5 100.0	Group 5 proportional band 0.0 to 1000.0%	P - 5	P - 7 100.0	Group 7 proportional band 0.0 to 1000.0%	P - 7
I - 5 0	Group 5 integral time 0 to 3600 sec.	I - 5	I - 7 0	Group 7 integral time 0 to 3600 sec.	I - 7
d - 5 0	Group 5 derivative time 0 to 1200 sec.	d - 5	d - 7 0	Group 7 derivative time 0 to 1200 sec.	d - 7
rE - 5 50.0	Group 5 manual reset 0.0 to 100.0%	rE - 5	rE - 7 50.0	Group 7 manual reset 0.0 to 100.0%	rE - 7
oL - 5 0.0	Group 5 control output low limit -5.0 to high limit %	oL - 5	oL - 7 0.0	Group 7 control output low limit -5.0 to high limit %	oL - 7
oH - 5 100.0	Group 5 control output high limit Low limit to 105.0%	oH - 5	oH - 7 100.0	Group 7 control output high limit Low limit to 105.0%	oH - 7
P - 6 100.0	Group 6 proportional band 0.0 to 1000.0%	P - 6	P - 8 100.0	Group 8 proportional band 0.0 to 1000.0%	P - 8
I - 6 0	Group 6 integral time 0 to 3600 sec.	I - 6	I - 8 0	Group 8 integral time 0 to 3600 sec.	I - 8
d - 6 0	Group 6 derivative time 0 to 1200 sec.	d - 6	d - 8 0	Group 8 derivative time 0 to 1200 sec.	d - 8
rE - 6 50.0	Group 6 manual reset 0.0 to 100.0%	rE - 6	rE - 8 50.0	Group 8 manual reset 0.0 to 100.0%	rE - 8
oL - 6 0.0	Group 6 control output low limit -5.0 to high limit %	oL - 6	oL - 8 0.0	Group 8 control output low limit -5.0 to high limit %	oL - 8
oH - 6 100.0	Group 6 control output high limit Low limit to 105.0%	oH - 6	oH - 8 100.0	Group 8 control output high limit Low limit to 105.0%	oH - 8

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Display and set point at delivery from factory	Set item	Set point by user	Display and set point at delivery from factory	Set item	Set point by user
P - 9 100.0	Group 9 proportional band 0.0 to 1000.0%	P - 9 []	P - A2 100.0	Group A2 proportional band 0.0 to 1000.0%	P - A2 []
I - 9 0	Group 9 integral time 0 to 3600 sec.	I - 9 []	I - A2 0	Group A2 integral time 0 to 3600 sec.	I - A2 []
d - 9 0	Group 9 derivative time 0 to 1200 sec.	d - 9 []	d - A2 0	Group A2 derivative time 0 to 1200 sec.	d - A2 []
rE - 9 50.0	Group 9 manual reset 0.0 to 100.0%	rE - 9 []	rE - A2 50.0	Group A2 manual reset 0.0 to 100.0%	rE - A2 []
oL - 9 0.0	Group 9 control output low limit -5.0 to high limit %	oL - 9 []	eP - A2 200.0	Group A2 transfer point -19999 to +20000 SPU	eP - A2 []
oH - 9 100.0	Group 9 control output high limit Low limit to 105.0%	oH - 9 []	tP - A2 150.0	Group A2 tuning point -19999 to +20000 SPU	tP - A2 []
P - A1 100.0	Group A1 proportional band 0.0 to 1000.0%	P - A1 []	P - A3 100.0	Group A3 proportional band 0.0 to 1000.0%	P - A3 []
I - A1 0	Group A1 integral time 0 to 3600 sec.	I - A1 []	I - A3 0	Group A3 integral time 0 to 3600 sec.	I - A3 []
d - A1 0	Group A1 derivative time 0 to 1200 sec.	d - A1 []	d - A3 0	Group A3 derivative time 0 to 1200 sec.	d - A3 []
rE - A1 50.0	Group A1 manual reset 0.0 to 100.0%	rE - A1 []	rE - A3 50.0	Group A3 manual reset 0.0 to 100.0%	rE - A3 []
eP - A1 100.0	Group A1 transfer point -19999 to +20000 SPU	eP - A1 []	eP - A3 300.0	Group A3 transfer point -19999 to +20000 SPU	eP - A3 []
tP - A1 50.0	Group A1 tuning point -19999 to +20000 SPU	tP - A1 []	tP - A3 250.0	Group A3 tuning point -19999 to +20000 SPU	tP - A3 []

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Display and set point at delivery from factory	Set item	Set point by user	Display and set point at delivery from factory	Set item	Set point by user
P - A4 100.0	Group A4 proportional band 0.0 to 1000.0%	P - A4 []	P - A6 100.0	Group A6 proportional band 0.0 to 1000.0%	P - A6 []
I - A4 0	Group A4 integral time 0 to 3600 sec.	I - A4 []	I - A6 0	Group A6 integral time 0 to 3600 sec.	I - A6 []
d - A4 0	Group A4 derivative time 0 to 1200 sec.	d - A4 []	d - A6 0	Group A6 derivative time 0 to 1200 sec.	d - A6 []
rE - A4 50.0	Group A4 manual reset 0.0 to 100.0%	rE - A4 []	rE - A6 50.0	Group A6 manual reset 0.0 to 100.0%	rE - A6 []
eP - A4 400.0	Group A4 transfer point -19999 to +20000 SPU	eP - A4 []	eP - A6 600.0	Group A6 transfer point -19999 to +20000 SPU	eP - A6 []
tP - A4 350.0	Group A4 tuning point -19999 to +20000 SPU	tP - A4 []	tP - A6 550.0	Group A6 tuning point -19999 to +20000 SPU	tP - A6 []
P - A5 100.0	Group A5 proportional band 0.0 to 1000.0%	P - A5 []	P - A7 100.0	Group A7 proportional band 0.0 to 1000.0%	P - A7 []
I - A5 0	Group A5 integral time 0 to 3600 sec.	I - A5 []	I - A7 0	Group A7 integral time 0 to 3600 sec.	I - A7 []
d - A5 0	Group A5 derivative time 0 to 1200 sec.	d - A5 []	d - A7 0	Group A7 derivative time 0 to 1200 sec.	d - A7 []
rE - A5 50.0	Group A5 manual reset 0.0 to 100.0%	rE - A5 []	rE - A7 50.0	Group A7 manual reset 0.0 to 100.0%	rE - A7 []
eP - A5 500.0	Group A5 transfer point -19999 to +20000 SPU	eP - A5 []	eP - A7 2000.0	Group A7 transfer point 2000.0 (fix)	eP - A7 2000.0
tP - A5 450.0	Group A5 tuning point -19999 to +20000 SPU	tP - A5 []	tP - A7 650.0	Group A7 tuning point -19999 to +20000 SPU	tP - A7 []