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## MACD LINE CROSS BELOW 0

1 IS IT POSSIBLE TO GET A SCAN FOR MACD CROSS 'UP' WHERE THE CROSS TOOK PLACE BELOW THE 0 LINE....AND NOW THE MACD1 AND SIGNAL LINE ARE RISING AND TODAY SUDDENLY HIT 20% BELOW THE 0 LINE (WHERE THERE IS POSITIVE MOMENTUM AND LOOKS LIKE IT WILL GET TO 19%,18, BELOW THE 0 LINE)?

E.G.

```
//THIS TAKES CARE OF MACD CROSS BELOW 0 and [MACD Line(12,26,9) x MACD Signal(12,26,9)] and [MACD Line(12,26,9)>0] and [MACD Signal(12,26,9)>0]
```

```
//NOW HOW DO I EXPRESS SECOND PART?
```

```
AND MACD LINE -0.2 * 0
```

asked Jul 13 '13 at 12:15



[shammyx](#)

75 ● 1 ● 3 ● 17

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Asked: Jul 13 '13 at 12:15

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Last updated: Jul 14 '13 at 14:00

### 3 Answers:

Have you looked at PPO? It is just like MACD except expressed in per cents. Create a chart style with PPO and

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- 0 MACD below it, with the same parameters. Then see if there is a PPO scale value that you want Line and/or Signal to cross to create your set up. You can write your scan the same way, just substituting "PPO" for "MACD".

Note: in your scan, I think you want to say Line < 0, not Line > 0?

Note: unless the cross above your per cent level happens on the same day as the MACD/PPO cross over, you have to write a scan that will test for the MACD/PPO crossover some number of days in the past.

[link](#)

edited Jul 13 '13 at 14:38

answered Jul 13 '13 at 14:33



markd

15.4k • 15 • 23

dear sumdumbum, thanks for your reply. this is very very close to what im looking for.

- 0
1. // PPO Line is greater than PPO Signal and [PPO HIST (12,26,9) > 0] Yes i want ppo > signal - (this means ppo line will be above signal as it should be in an uptrend)
  2. // Crossover happened sometime within the last 4 days and [MIN (5, PPO HIST (12,26,9)) < 0] Here i disagree - i do not see why it needs to have crossed in last 4 days...it could be within last 100days for example, because after the cross below zero line i will need to wait weeks or months for the line to get within 20% or say 10% of the threshold.
  3. // PPO Line is under 20% and [PPO LINE (12,26,9) < -2] **I want to clarify....actually, i dont want it under 20% - actually i want it NOT LESS THAN 20% and not more than say 5% below the 0 threshold. Can i express it as follows: and [PPO LINE (12,26,9) > -2]and [PPO LINE (12,26,9) < -.05] ????????????**
  4. // Line and Signal are moving up and [PPO LINE (12,26,9) > 1 day ago PPO LINE (12,26,9)] and [PPO SIGNAL (12,26,9) > 1 day ago PPO SIGNAL (12,26,9)] Yes - i agree. this is as it should be.

Thank you so much for your help...hope you can clarify on points 2 and 3.

Best Mark

[link](#)

answered Jul 13 '13 at 19:39



shammyx

75 • 1 • 3 • 17

- 1 Hi shammyx, I think the 5 day min was just a suggestion - parameters are always suggestions; it's the logic that matters.

re the <-2; yes, you can express it as > -2; I would test for less than 0 though, and not another number (like -.05) - sometimes if you get too specific, you screen out good hits because they just miss an arbitrary value. If you have tested that -.05 is an important value, that's different.

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 markd (Jul 13 '13 at 19:49)

Dear Markd Thanks for your answer...i understand in principal. So if i want to say that the ppo line is somewhere between 20% and 5% or 10% below the threshold (the idea is below the threshold and getting closer)

then can i express it as follows: and [PPO LINE (12,26,9) < -2] and [PPO LINE (12,26,9) > -1]

(so i am saying....it is less than -2, i.e. between 10% to 20% below the threshold)

or if i say: and [PPO LINE (12,26,9) < -2] and [PPO LINE (12,26,9) > -.05] (then here i am saying ....it is between 5% and 20% below the threshold).

Is that right?

 shammyx (Jul 13 '13 at 19:53)

1 well, when you are dealing with numbers below zero, the closer to zero, the greater the value; so, -1 is greater than -2. Counterintuitive, so you have to get used to it.

so, in your example, you have to switch your > and < signs around;

between -20 and -10 is > -20 and < -10

 markd (Jul 13 '13 at 20:01)

1 I think this is what you're looking for. It's probably not necessary to specify the direction of the Signal Line. I suspect that it will always be pointing up in this situation.

[group is SP500]

// PPO Line is greater than PPO Signal

and [PPO HIST (12,26,9) > 0]

// Crossover happened sometime within the last 4 days

and [MIN (5, PPO HIST (12,26,9)) < 0]

// PPO Line is under 20%

and [PPO LINE (12,26,9) < -2]

// Line and Signal are moving up

and [PPO LINE (12,26,9) > 1 day ago PPO LINE (12,26,9)]

and [PPO SIGNAL (12,26,9) > 1 day ago PPO SIGNAL (12,26,9)]

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edited Jul 13 '13 at 17:20

answered Jul 13 '13 at 17:19



sumdumbum  
251 • 1 • 6

1 That's a nice scan, sdb; Hist is an excellent shortcut for finding crossovers.

It could be refined just a little to get a steeper up curve in Line (if that's what shammyx wants) - test for Line below some percent in the "min" period (-3, -3.5, -4, -5?), and above -2 now but still below 0 (> -2 and < 0). Maybe extend the min period, too, to see if there are more hits. Just a thought.



markd (Jul 13 '13 at 19:37)

Dear markd I didnt quite catch your meaning? Can you explain in laymans words (for us dummies)? best Mark



shammyx (Jul 13 '13 at 19:44)

which part are you referring to?



markd (Jul 13 '13 at 19:52)

1 If you are referring to the "steep" part, what I'm saying is, you often get a sharp rally after a sharp decline. A sharp decline will cause a wider separation of the faster 12 ema from the slower 26 ema in the PPO - in other words, Line (the difference between the 12 and the 26) will go deeper (further below zero) on the PPO right hand scale. To find that, test for a minimum value of Line over some number of days - so add some code for Line < -5 or whatever in the last x days.



markd (Jul 14 '13 at 12:55)

apologies mard...i really am not sure how to interpret you words interms of coding: can you give me example of how this looks in code, "To find that, test for a minimum value of Line over some number of days - so add some code for Line < -5 or whatever in the last x days"

many thanks best mark



shammyx (Jul 14 '13 at 13:45)

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**Your answer**