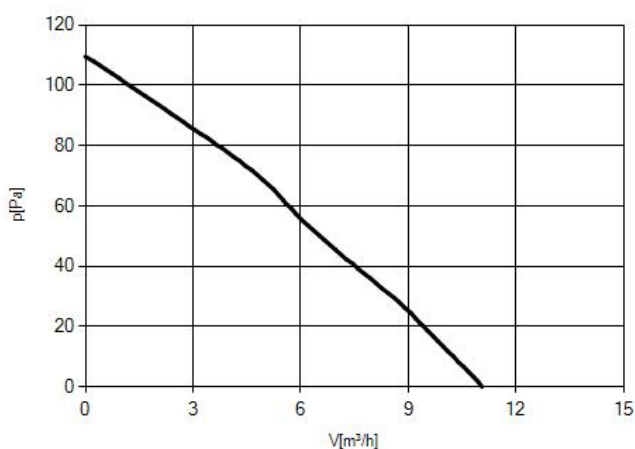
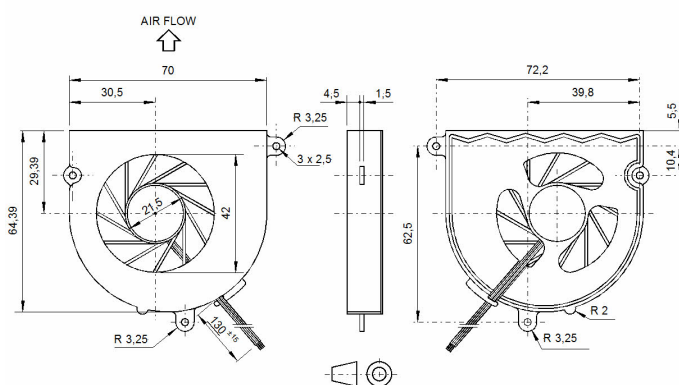




## LY60B05PSE42A

Air performance



Single wires AWG28, tinned  
VCC = red GND = black FG = black  
No obstruction within 1mm of air intake

|                                     |                           |
|-------------------------------------|---------------------------|
| Certifications                      | CE / WEEE                 |
| U [V DC]                            | 5 [V]                     |
| I <sub>typ</sub> [mA]               | 300 [mA]                  |
| I <sub>max</sub> [mA]               | 640 [mA]                  |
| V <sub>max</sub> [m³/h]             | 11,1 [m³/h]               |
| P <sub>max</sub> [Pa]               | 109,7 [Pa]                |
| Noise [dB(A)]                       | 34 [dB(A)]                |
| Rotation Speed [min <sup>-1</sup> ] | 3800 [min <sup>-1</sup> ] |
| Signal / FG [Imp/U]                 | 2 [Imp/U]                 |
| PWM                                 | yes                       |
| Temp. [°C]                          | -10 [°C] - 60 [°C]        |
| L10/MTTF @ 40°C [h]                 | 40000 [h] - 210000 [h]    |
| Bearing type                        | MagFix                    |
| Weight [kg]                         | 0,026                     |

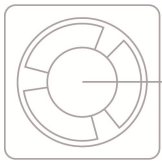
\* Noise and rotation speed are subject to deviations due to tolerance.

### ORDER INFORMATION

LY60B05PSE42A Art.Nr.: 111111813

Technical changes without notice  
21.07.2026

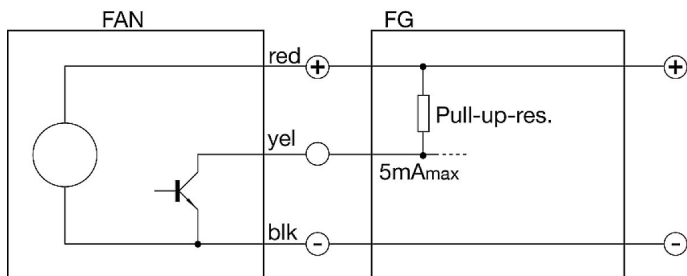
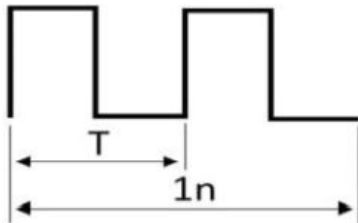
SEPA EUROPE GmbH DE-79427 Eschbach Tel.: +49 7634/59459-0 info@sepa-europe.com



# LY60B05PSE42A

### FG

**IMPORTANT:** The pulse output is not protected against short circuit and must not be connected to GND or VCC without series resistor. A pull-up-resistor is needed. Insulate not used pulse output!



Run: Low=0.3V max High=VCC  
Stop: Low or High  
 $T = \text{rpm}/60 \cdot [\text{pulses per revolution}]$

### PWM

Low=0 up to 0.7V<sub>max</sub> High=VCC

f=23kHz

Pulse width modulation 30% to 100%

Startup duty cycle minimum 35%

If fan power supply is off, do not input control signals into the PWM terminal!