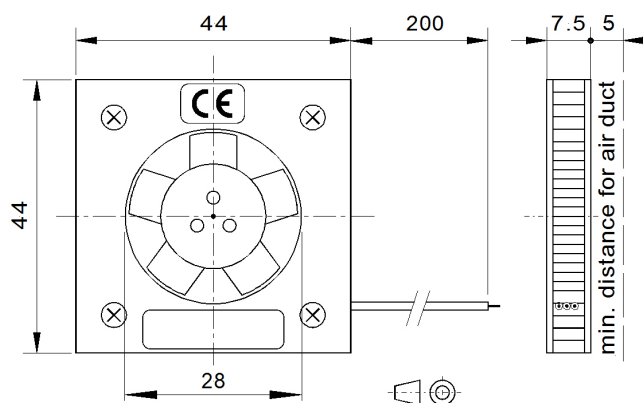


## HFB44B12A-006



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

|                                     |                           |
|-------------------------------------|---------------------------|
| Certifications                      | CE / UL / WEEE            |
| U [V DC]                            | 12 [V]                    |
| Rth [K/W]                           | 2,2                       |
| I <sub>typ</sub> [mA]               | 30 [mA]                   |
| I <sub>max</sub> [mA]               | 70 [mA]                   |
| Noise [dB(A)]                       | 28 [dB(A)]                |
| Rotation Speed [min <sup>-1</sup> ] | 8000 [min <sup>-1</sup> ] |
| Signal / FG [Imp/U]                 | 3 [Imp/U]                 |
| PWM                                 | no                        |
| Temp. [°C]                          | -10 [°C] - 80 [°C]        |
| L10/MTTF @ 40°C [h]                 | 70000 [h] - 350000 [h]    |
| Bearing type                        | Ball bearing              |
| Weight [kg]                         | 0,017                     |
|                                     |                           |

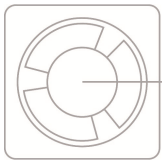
\* Noise and rotation speed are subject to deviations due to tolerance.

### ORDER INFORMATION

HFB44B12A-006 214422010

Technical changes without notice  
06.06.2024

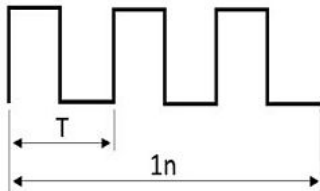
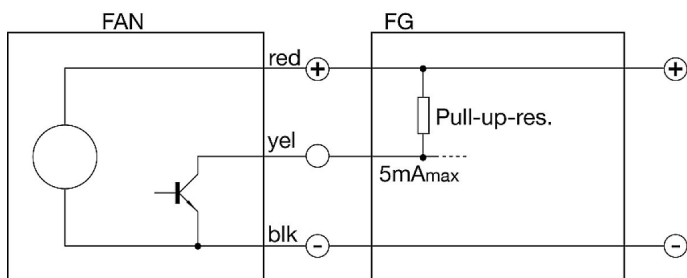
SEPA EUROPE GmbH DE-79427 Eschbach Tel.: +49 7634/59459-0 info@sepa-europe.com



## HFB44B12A-006

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