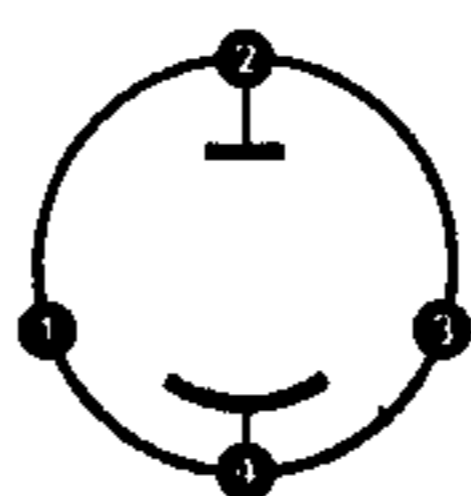
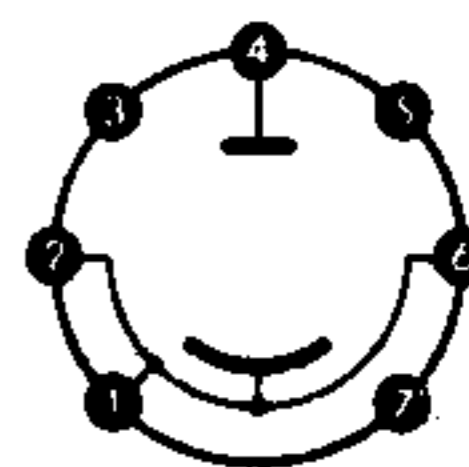


# Photozellen · Photo tubes

Rotempfindlich, Maximum bei ca 800 nm · Red sensitive, maximum at ca. 800 nm

| Type                                      |                    | FZ 12 GH · FZ 12 GS |    | FZ 12 VH · FZ 12 VS |    | FZ 9012 G  | FZ 9012 V     |
|---|--------------------|---------------------|----|---------------------|----|------------|---------------|
| Kathodenoberfläche · Cathode surface      | cm <sup>2</sup>    | Gas<br>4            |    | Vakuum<br>4         |    | Gas<br>2,5 | Vakuum<br>2,5 |
| <b>Meßwerte · Measuring values</b>        |                    |                     |    |                     |    |            |               |
| U <sub>b</sub>                            | V                  | 90                  |    | 90                  |    | 90         | 90            |
| R <sub>a</sub>                            | MΩ                 | 1                   |    | 1                   |    | 1          | 1             |
| s   | μA/Lm              | ca. 125             |    | ca. 25              |    | ca. 125    | ca. 20        |
| I <sub>0</sub> bei U <sub>b</sub> = 250 V | μA                 | —                   |    | ≤ 0,05              |    | —          | ≤ 0,05        |
| I <sub>0</sub> bei U <sub>b</sub> = 90 V  | μA                 | ≤ 0,1               |    | —                   |    | ≤ 0,1      | —             |
| T <sub>Farbe</sub>                        | °K                 | 2850                |    | 2850                |    | 2850       | 2850          |
| <b>Grenzwerte · Maximum ratings</b>       |                    |                     |    |                     |    |            |               |
| U <sub>b</sub>                            | V                  | 100                 |    | 250                 |    | 100        | 250           |
| I <sub>k</sub>                            | μA                 | 7                   |    | 15                  |    | 1          | 2,5           |
| I <sub>ksp</sub>                          | μA/cm <sup>2</sup> | 1,8                 |    | 3,8                 |    | 0,8        | 3             |
| t <sub>amb</sub>                          | °C                 | 50                  |    | 50                  |    | 50         | 50            |
| <b>Kapazität · Capacitance</b>            |                    |                     |    |                     |    |            |               |
| c <sub>ak</sub>                           | pF                 | 1,5                 |    | 1,5                 |    | 1,1        | 1,1           |
| Größe · Outlines                          |                    | 50                  | 52 | 50                  | 52 | 3          | 3             |

|                                    |  |   |  |  |  |   |  |
|------------------------------------|--|---|--|--|--|---|--|
| Sockelschaltung<br>Base connection |  |  |  |  |  |  |  |
|                                    |  | Stift 4   |  |  |  | Pico 7  |  |