



**Product Datasheet according regulation (EU): No. 811/2013 and No. 812/2013**

**Product Type: Collectors**

| Item number   | 1430640           | 1430641           | 1430642           | 1430643           |
|---|-------------------|-------------------|-------------------|-------------------|
| Description   | PFM-G-S<br>2,01/2 | PFM-G-S<br>2,01/3 | PFM-G-S<br>2,01/4 | PFM-G-S<br>2,01/5 |
| Collector aperture area (m <sup>2</sup> )                         | 3,78              | 5,67              | 7,56              | 9,45              |
| Collector efficiency* (%)   | 62                | 62                | 62                | 62                |
| Optical efficiency (-)  | 0,800             | 0,800             | 0,800             | 0,800             |
| Linear thermal conductivity (W/m <sup>2</sup> K)                  | 4,07              | 4,07              | 4,07              | 4,07              |
| Quadratic thermal conductivity (W/m <sup>2</sup> K <sup>2</sup> ) | 0,014             | 0,014             | 0,014             | 0,014             |
| Incidence Angle Modifier IAM                                      | 0,87              | 0,87              | 0,87              | 0,87              |

\* dT 40K at 1000 W/m<sup>2</sup>

| Item number   | 1430645           | 1430646           | 1430647           | 1430648           |
|---|-------------------|-------------------|-------------------|-------------------|
| Description   | PFM-G-S<br>2,55/2 | PFM-G-S<br>2,55/3 | PFM-G-S<br>2,55/4 | PFM-G-S<br>2,55/5 |
| Collector aperture area (m <sup>2</sup> )                         | 4,82              | 7,23              | 9,64              | 12,05             |
| Collector efficiency* (%)   | 63                | 63                | 63                | 63                |
| Optical efficiency (-)  | 0,810             | 0,810             | 0,810             | 0,810             |
| Linear thermal conductivity (W/m <sup>2</sup> K)                  | 3,87              | 3,87              | 3,87              | 3,87              |
| Quadratic thermal conductivity (W/m <sup>2</sup> K <sup>2</sup> ) | 0,016             | 0,016             | 0,016             | 0,016             |
| Incidence Angle Modifier IAM                                      | 0,87              | 0,87              | 0,87              | 0,87              |

\* dT 40K at 1000 W/m<sup>2</sup>



## ErP – Information



| Item number   | 1430650           | 1430651           | 1430652           | 1430653           |
|---|-------------------|-------------------|-------------------|-------------------|
| Description   | PFM-G-S<br>3,30/2 | PFM-G-S<br>3,30/3 | PFM-G-S<br>3,30/4 | PFM-G-S<br>3,30/5 |
| Collector aperture area (m <sup>2</sup> )                         | 6,28              | 9,42              | 12,56             | 15,70             |
| Collector efficiency* (%)   | 64                | 64                | 64                | 64                |
| Optical efficiency (-)  | 0,810             | 0,810             | 0,810             | 0,810             |
| Linear thermal conductivity (W/m <sup>2</sup> K)                  | 3,77              | 3,77              | 3,77              | 3,77              |
| Quadratic thermal conductivity (W/m <sup>2</sup> K <sup>2</sup> ) | 0,014             | 0,014             | 0,014             | 0,014             |
| Incidence Angle Modifier IAM                                      | 0,85              | 0,85              | 0,85              | 0,85              |

\* dT 40K at 1000 W/m<sup>2</sup>

| Item number   | 1430676           | 1430677           | 1430678           | 1430679           | 1430680           |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| Description   | PFM-G-W<br>2,01/2 | PFM-G-W<br>2,01/3 | PFM-G-W<br>2,55/2 | PFM-G-W<br>2,55/3 | PFM-G-W<br>3,30/2 |
| Collector aperture area (m <sup>2</sup> )                         | 3,78              | 5,67              | 4,82              | 7,23              | 6,28              |
| Collector efficiency* (%)   | 61                | 61                | 61                | 61                | 61                |
| Optical efficiency (-)  | 0,800             | 0,800             | 0,800             | 0,800             | 0,800             |
| Linear thermal conductivity (W/m <sup>2</sup> K)                  | 4,49              | 4,49              | 4,49              | 4,49              | 4,49              |
| Quadratic thermal conductivity (W/m <sup>2</sup> K <sup>2</sup> ) | 0,007             | 0,007             | 0,007             | 0,007             | 0,007             |
| Incidence Angle Modifier IAM                                      | 0,91              | 0,91              | 0,91              | 0,91              | 0,91              |

\* dT 40K at 1000 W/m<sup>2</sup>