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**SCHAEFFLER**



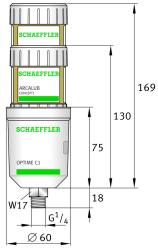
### **OPTIME-LW-C1-R3** [↗](#)

Automatic lubrication system

OPTIME C1, Single-point lubricator for the OPTIME Ecosystem

#### Technical information

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### Technical data

|           |  |  |
|-----------|--|--|
|           | Piston pump  | Functional principle                     |
| $V_{Lub}$ | 60 / 125 cm <sup>3</sup>                               | Lubricant volume                         |
|           | ≈ 0,5 cm <sup>3</sup>                                  | Metering volume per lubrication interval |
|           | 0,17 – 8,3 cm <sup>3</sup>                             | Metering volume per day                  |
| $P_{op}$  | 10 bar   | Operating pressure, max.                 |
|           | ≤ NLGI 2 (suitability test required)                   | Lubricant                                |
| $n_{out}$ | 1  | Number of outlets                        |
|           | 1  | Number of lubrication points: direct     |
| $U_{op}$  | 6-V alkaline battery                                   | Operating voltage                        |
|           | OPTIME   | Controller (integrated)                  |
|           | via OPTIME   | Monitoring: fill level                   |
|           | 1 up to 12 months                                      | Dispensing time cartridge                |
|           | Empty level, back pressure, internal error: via OPTIME | Error message                            |
|           | NFC  | Commissioning                            |
|           | 2,4 GHz  | Wirepas Mesh (ISM band)                  |
|           | 100 m  | Line of sight range                      |
|           | IP68   | Protection class                         |
|           | Polyethylenterephthalat (PET)                          | Housing material                         |
| $t_{min}$ | -10 °C   | Operating temperature, min.              |
| $t_{max}$ | 55 °C  | Operating temperature, max.              |
|           | arbitrary  | Mounting position                        |
|           | G $\frac{1}{4}$  | Connection thread                        |
|           | 60 x 60 x 93   | Dimensions (mm)                          |
| $m$       | 0,26 kg  | Weight                                   |



### Additional information

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|   |                               |
|---|-------------------------------|
| 10x OPTIME C1,<br>10x battery pack,<br>1x OPTIME C1 prefill nipple;<br>lubricant cartridge CONCEPT1<br>not included | Scope of delivery per package |
|---|-------------------------------|

|   |                   |
|---|-------------------|
| EU-Members,<br>Israel, Republic of<br>Macedonia, Norway,<br>Morocco, Serbia,<br>Saudi Arabia, United<br>Arab Emirates,<br>South Africa,<br>Switzerland, Turkey,<br>UK, Australia, China,<br>India, Indonesia,<br>South Korea,<br>Taiwan, Japan,<br>Malaysia, New<br>Zealand, Philippines,<br>Singapore, Thailand,<br>Vietnam, Canada,<br>Brazil, Colombia,<br>Peru, Mexico, Chile,<br>USA | Country approvals |
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