

Product Change

perma STAR VARIO: extended temperature range

PCN-No.:

1808-01-00

Date:

2018/08/10

Details:

Two drive and battery pack combinations are now available for perma STAR VARIO.

These combinations allow an extended temperature range.

1. Temperature range **-20 °C** to + 60 °C (**Standard**):



STAR VARIO Drive
(Art. No. 107529)

+



Battery pack STAR VARIO
(Art. No. 101351)

2. Temperature range **-40 °C** to + 60 °C (**Low temperature**):



perma STAR VARIO Drive
low temperature (Art. No. 113355)



+



Battery housing* STAR VARIO
low temperature (Art. No. 113404)

*delivery without battery!
Temperature range depends on battery!
(perma suggestion:
Energizer Ultimate Lithium AAA)

UL certification was adapted:

ENVIRONMENTAL RATINGS:

perma STAR Vario

Ambient: **-20 °C** to +60°C when battery powered with alkaline cellsAmbient: **-40 °C** to +60°C when battery powered with Lithium cells**Products affected:**

perma STAR VARIO drives

Effective date:

2018/03/21

Remarks:

- Battery housing STAR VARIO low temperature requires 3 x battery AAA Li 1,5 V (to be procured locally!) and is only to be used with perma STAR VARIO Drive low temperature.
- Only to be used with suitable low temperature lubricants!
- User manual will be adapted.
- Battery housing STAR VARIO low temperature will be delivered with the attached flyer.