



helix · Welding helmets

helix quattro

auto-darkening welding helmet with industrial safety helmet

Slide Up welding helmet with top optical class 1/1/1/1, ShadeTronic® 4–13 and a Panorama-XXL field of view — with or without a safety helmet.

- Top EN 379 optical class: 1/1/1/1
- ShadeTronic® 4–13 (up to 14 with +1.0 inner cover lens), manual 8–13
- Slide Up: clear mode with a 180° view, pano mode for welding
- Panorama-XXL field of view, 6.3 times larger than a 100 × 50 mm filter
- 5 sensors, continuous sensitivity control with “Super High” range
- With a detachable EN 397 industrial safety helmet or without

Technical data

Colour of knobs	black
Colour of welding helmet	black
Power supply	280mAh Li-Polymer-battery with battery management system (rechargeable over Micro USB,; battery life: 300 up to 500 charging cycles)
Protection level (not activated)	3.0
Protection levels (automatic)	4–14
Protection levels (manual)	8–13, 9–14 (Enhanced protection level when using “Inner protective lens true-colour +1.0”)
Sensitivity adjustment	continuously, with “Super High” sensitivity range
Sensoric	5 sensors
Classification EN379	1–1–1–1: Optical class = 1, Scattered light = 1, Homogeneity = 1, Angular dependence = 1
Weight	620 g

Variants and article numbers

Art. no.	Name	EAN
1050.100	helix quattro — auto-darkening welding helmet with industrial safety helmet, black	7640429871138
1050.110	helix quattro — auto-darkening welding helmet without industrial safety helmet, black	7640429872449

SPIDWELD sp. z o.o. · ul. Równinna 24/2, 87-100 Toruń
+48 530 009 555 · bok@spidweld.pl · centrumspawalnicze.pl

Description, images, documents and online shop:
optrel.pl/en/products/helix-quattro/

Technical data according to optrel AG. Images for illustration. As of: 20 October 2026. optrel® — trademark of optrel AG.

What's in the box

- Welding helmet
- optrel IsoFit® headgear
- Instruction manual
- Storage bag
- Micro USB charging cable
- Face shield
- Warranty card

Technologies

FadeTronic

Multi-Sensor-Detection

Panorama-XXL field of view

Position Locker

ShadeTronic®