



Product Service

EU-Type Examination Certificate

No. P5A 119018 0001 Rev. 00

Holder of Certificate: **FormAT Hrishkov Anton**
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61174 Kharkiv
UKRAINE

Product: **PPE against fall from a height**
Auto Belay Device in accordance with EN 341-1A,
EN 360, conform to RFU PPE-R/ 11.128, V2: 2020

Model(s): **TwinPoint**
Versions: 8 m and 16 m

Tested according to: DIN EN 341:2011
DIN EN 360:2002
RfU PPE-R/11.128 V2:2020

The Certification Body of TÜV SÜD Product Service GmbH confirms that the listed product fulfils the basic requirements with Annex V (Module B) of Regulation (EU) 2016/425 on personal protective equipment according to Article 19 (PPE of category III). This certificate refers only to the submitted sample for testing and certification and on its technical documentation. The validity of this certificate based on an ongoing surveillance in accordance with Module C2 or D of Regulation (EU) 2016/425 by a Notified Body. For details see: www.tuvsud.com/ps-cert

Test report no.: 713199256

Valid until: 2027-11-20

Date, 2022-11-22

(Matthias Völz)

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Parameters:

Versions:	-TwinPoint 8 m: with self-retractable descent webbing line for max. 8 m climbing height; -TwinPoint 16 m: with self-retractable descent webbing line for max. 16 m climbing height; All other technical topics are identical. Devices have to be used with adequate fall protection floor for 3 m/s landing speed.
Function principle:	-when climbing tension in the auto belay device descent webbing line is given by the rewind system via rewind spring; -when descending (or falling while climbing) auto belay device controls descent speed of a person by dissipating the potential energy in the friction brake; descending speed is constant, brake strength of friction brake is controlled by reaction springs of rotor blades. -when descent speed is too high there is a back-up blocking brake (ratchet) activated which stops descending.
Construction:	self-retracting automatic descender device with central axis, self-retractable descent webbing line, activated by retraction spring, gear transmission to centrifugal friction brake with 2 brake shoes with brake pads; planet carrier which holds the gear train; spring hub plate that holds the retraction spring; additional ratchet blocking brake with 2 centrifugal ratchet claws; 2 body casings, with primary and secondary mount and handle; lower webbing line with shackle M5, replaceable by opening nozzle;
Descent webbing line:	Polyamide/ Dyneema-webbing; 20 mm wide, 2,0 mm thick; guaranteed break strength: 23,5 kN; Upper webbing line (guideline) in device connected to drum and shackle; lower webbing line (replaceable by client) from shackle to webbing line connector; webbing line end outside device doubled and stitched, with end termination loop with 7 bartacks á 30 stitches in 3 layers; loop to swivel with 2 bartacks á 35 stitches, with webbing protective cover; swivel with webbing sling with 7 bartacks á 30 stitches in 4 layers offering 2 loops for attachment connectors; with length label;
Swivel:	Model CT TWIRL, 36 kN;
Attachment Connectors:	2 directional EN 362-B connectors CT AXIS HMS TG with automatic gate locking device (triple-lock); looped into end loop of webbing line; alternatively other EN 362 certified triple action swiveling connectors;
Device measures:	370 mm x 290 mm x 190 mm;
Working load:	min: 10 kg; max: 140 kg;
Min/max. permitted descending speed:	0.5-2 m/s; -3 m/s, when adequate fall protection floor is used;
Max. tested descent height:	Version 8 m: measured from nozzle to ground: 8 m; Version 16 m: measured from nozzle to ground: 16 m;
Min. tested descent height:	Version 8 m: measured from nozzle to ground: 4 m; Version 16m: measured from nozzle to ground: 8 m;
Min. temperature:	0°C;
Weight:	21 kg (16 m)

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<p>Marking:</p>	<p>manufacturer address, model, CE-marking, "read instructions"-pictogram; serial no.; manufacturing date; in accordance with EN 341:2011-1A and EN 360: 2002; temperature range; min/ max mounting height; min/ max user weight; max descent rate: 2.0 m/s; on lower webbing: manufacturing date; manufacturer; length;</p>
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installed