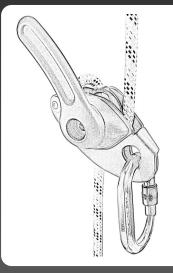


 $\mathsf{D4}^{\mathsf{TM}}$ 

## Rope adjustment device User Instruction Manual

International Safety Components Ltd., Unit1 Plot 2 Llandygai Ind. Est., Bangor, Gwynedd. UK. LL57 4YH



- Side plates 1.
- 2. Cam
- Handle 3.

Principal materials: Aluminium (side plates, handle). Stainless steel (cam, rivets)

D4<sup>™</sup>—product name / brand. I|S|C-manufacturer identification. CE 0120—Body controlling the manufacture of PPE

- Always read and follow the instructions supplied by the manufacturer.

EN12841:2006—Personal fall protection equipment - Rope access systems-Rope adjustment devices. C-rope adjustment device: working line descender. Max load 240kg.

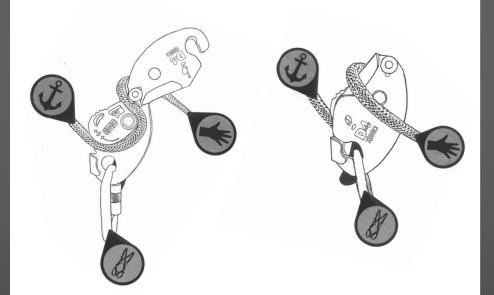
• - (EN1891) ropes Ø 10.5mm—11.5mm

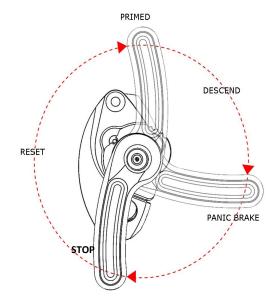
YY/BBBBB/XX-Year of manufacture/ Production batch/Incremental number.

# Patent Pending GB1320103.3

Installation-Fig 1

Operation— Fig 2





### Cleaning



Max 40°C



011





THIS DOCUMENTATION SHOULD BE ISSUED WITH AND KEPT FOR EACH ITEM OR SYSTEM . DIESE UNTERLAGEN SOLLTEM MIT HERAUSGEGEBEN WERDEN UND FÜR JEDES EINZELTEIL ODER SYSTEM GHALTEN WERDEN. ESTA DOCUMENTACIÓN SE DEBE PUBLICAR CON Y GUARDAR PARA CADA ARTÍCULO O SISTEMA. DEZE DOCUMENTATIE ZOU MET MICTEN UTGEBRACHT WORDEN EN ZOU VOOR, ELK ONDEROEL O SYSTEEM - MOETEN BIJGEHOUDEN WORDEN. CETTE DOCUMENTATION DOIT ÊTRE DÉLIVRÉE AVEC CHAQUE ÉLÉMENT OU SYSTÈME ET CONSERVÉE AVEC CELUI-C PERIODIC THROUGH EXAMINATION AND REPAIR RECORD

Date / Datum / Fecha / De datum / Date / Data	Inspection details / Detailinformationen zu Prüfungen / Detailes de inspección / Inspectiedetails / Détails de l'inspection / Détails ispezione	Name and signature / Nennen Sie und Unterschrift / Denomine y la firma / Noem en handtekening / Nom et signature / Nome e firma	Next examination / Nächste Untersuchung / Próximo examen / Het volgende onderzoek / Examen suivant / Prossimo esame

### **D4**<sup>™</sup> Rope adjustment device.

### General

prevention of falls from height meet or of these items should only be carried exceed recognised European, American out by the manufacturer or its recognised or other International standards. A repair agent. multi-language user instruction manual should accompany this product. It is Figure 1 - Installation the users responsibility to read and The D4 should be used with an anchor understand these instructions before point/system conforming with EN795 or use.

#### Responsibility

understanding of the correct safe use of well as on the rope cam. The rope must person that it is safe to do so, should this equipment, to use it only for the be attached to the device following the any doubt arise about its condition for purposes for which it is designed, and route of the markings. When inserting safe use or, if it has been used to arrest to practise all proper safety procedures. the rope, it is easier if the cam is held It is mandatory that a Risk Assessment 'open' to increase the gap between the Extreme temperatures and the effects be carried out prior to any use and a cam and top bobbin, to allow the rope of chemicals, rust, cuts and abrasions rescue plan be in place for any work at to be fed through. Slack in the anchor could affect the performance of the height. Do not exceed loads either line between the user and the anchor equipment. Defective equipment shall specified by the manufacturer or loads should be avoided. derived from the specified MBS using a recognised factor of safety. Do not Figure 2 - Operational check under any circumstances modify the Before each use, verify the correct Cleaning product as alterations may render it installation of the rope. With the handle The product must be cleaned regularly ineffective.

### Compatibility

Always ensure that all components be able to travel UP the rope. Move the within a safety system are compatible handle to the PRIMED position and and allow the system to function safely.

### **Use Inspection**

use make visual inspections of the product and is smooth. to ensure that it is in a serviceable Ensure the device is attached directly to The manufacturer or distributor will not condition and is operating correctly. your load bearing harness attachment be held responsible for any eventual Pay attention to the locking button to ensure it is functioning correctly-you will hear an audible 'click' when the loaded by the full weight of the user, equipment. If there is any doubt about frame seats correctly. Check the frames this becomes a working line. The primary the compatibility of the products you are aligned. Check the handle rotates function of the D4 is progression along have chosen please consult the freely and check the interaction of the the working line. Ensure that you have manufacturer cam and handle is fully functional.

#### **Use Requirements**

It is recommended that the viability of any installation should be verified by a suitably qualified person. Extreme care should be taken when using this product Use near harmful chemicals, moving machinery, electrical hazards and near sharp edges and abrasive surfaces. Wet and icy conditions may cause the rope to become slippery.

#### Testing

All testing for this device at ISC and the Notified body, has been carried out using EN1891 approved ropes Ø10.5mm - 11.5mm rope. Suitable for rescue loads up to 240kg.

#### Modifications, repair

There are no serviceable parts on the damage as well as the device. except for the handle and large ISC equipment and components for cam. If required, repair or replacement

in accordance with ANSI Z359.1 (07), Product Inspection & Maintenance or any other specific recognised In addition to the visual inspections International Standard or industry Best (see Inspection) a thorough examination Practice relating to the specific use, or a should be carried out by a competent non-engineered anchor point capable of person in line with applicable legislation withstanding appropriate loads. It is and the intensity and environment of recommended that any anchor point be use. ISC recommends a thorough above the user and that the viability of examination at least every twelve any installation should be verified by a months. The product should be immediately suitably qualified person. The rope path withdrawn from use and not used again It is the user's responsibility to ensure is identified on the rear of the device as until confirmed in writing by a competent

in STOP position, carry out a pre-pull (or after every use in a marine test to ensure the device does not slip down the rope. The device should still whilst putting your weight on the rope, but in a safe situation, rotate the Moving parts may be oiled regularly handle to allow the device to move. En- with a light oil such as 3-in-1. Immediately before, during and after sure the movement can be controlled

point using a locking karabiner.

a fully functional backup device (e.g ISC RED) on a separate rope-this is not always required in rescue or The D4<sup>TM</sup> rope adjustment device is intervention. The D4 is not suitable for manufactured by ISC Llandygai Ind use in an EN363 fall arrest system.

To control the device in descent, your left hand is used to position the handle, and your right hand is used on the trailing length of rope to give you extra security and fine adjustments of speed control. If in the situation that you pull the handle too far the device will STOP. To RESET the device rotate the handle clockwise, in the direction of the arrows. This will allow you to continue to DESCEND. All rope adjustment devices create heat when travelling along rope at speed, which can cause damage

to the rope. Always check the rope for

### Storage & Transportation

The product should be stored in a clean, dry environment away from exposure to UV, corrosive or chemical substances or extreme heat sources. Care should be taken to protect the product against damage during transportation.

a fall.

be put beyond use to ensure it is not used as safety equipment.

environment) with a mild detergent. Afterwards the product should be rinsed in clean water and allowed to dry naturally. Alternatively an air gun can be used to clear debris from device.

### Manufacturers' responsibility

damages, injuries or death resulting When the adjustable anchor line is from an improper use of this

#### Approvals – Declaration of Conformity

The D4" rope adjustment device is Est., Bangor, Gwynedd. LL57 4YH and has been tested and approved by SATRA Technology Centre, Wyndham Way, Telford Way, Kettering. NN16 8SD., notified body number 0321, in accordance with EN12841:2006 with a maximum rated load of 240kg and is subject to the procedures set out in Article 11b of Directive 89/686/EEC under the supervision of SGS UK Ltd., Unit 202b, Worle Parkway, Westonsuper-mare. BS22 6WA., notified body number 0120.

RP880 series