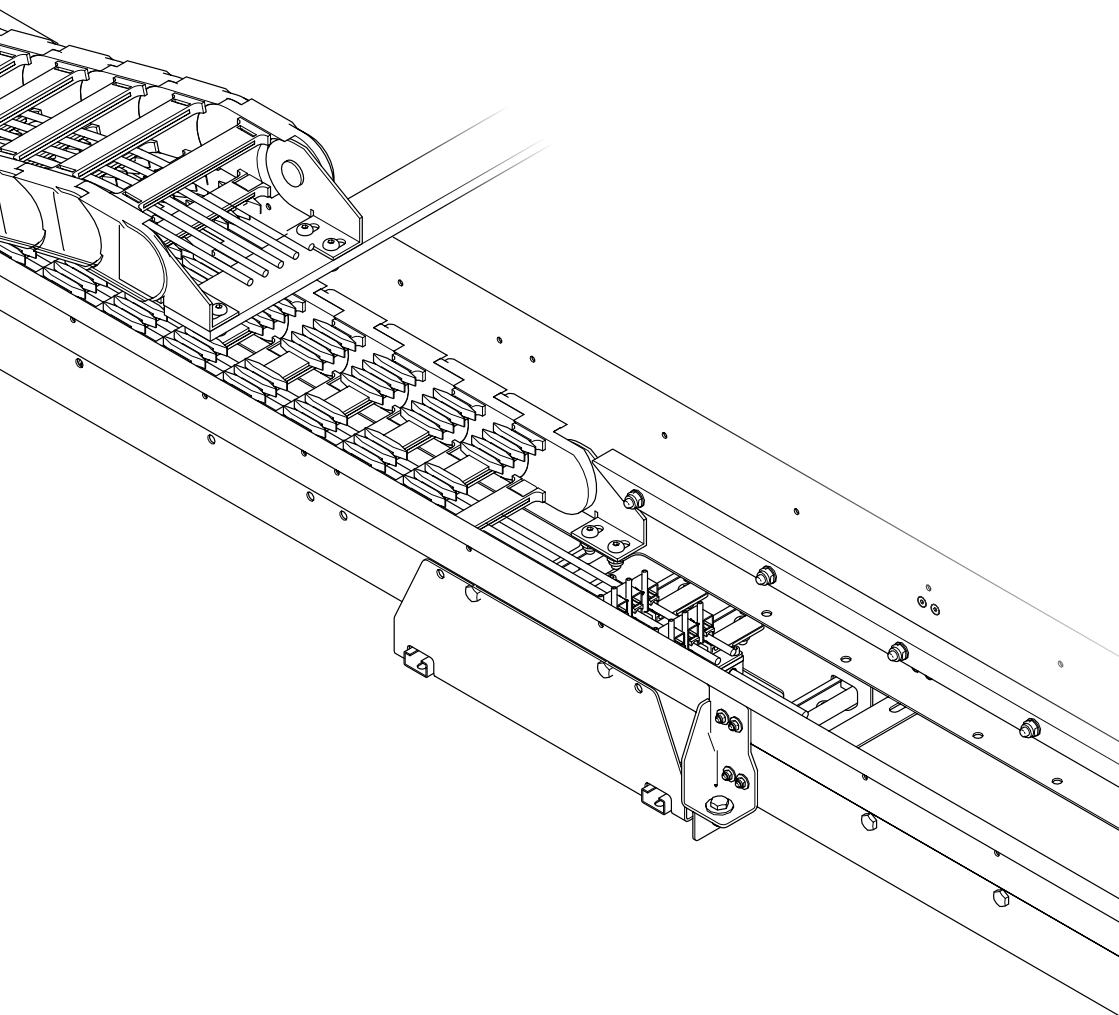
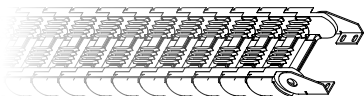


Montageanleitung Assembly instructions
smart plastics®
CF.P

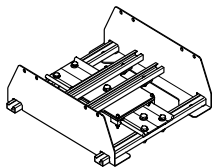


i.Sense Leitungszugkraftüberwachung
i.Sense Tensile force monitoring for cables



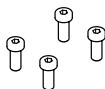
E2 / E4 / P4.1

*



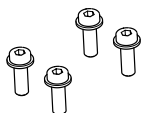
IS.CF.P.SU.03

*



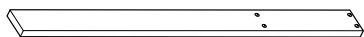
E4.32: M5x20
E4.42: M6x20
E4.56: M8x20
P4: M10x20

4x



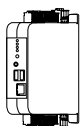
E4.32: M5x20
E4.42: M6x20
E4.56: M8x20
P4: M10x20

4x



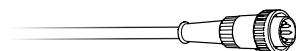
Träger - Kundenseitig
Tow-Arm - designed by customer

1x



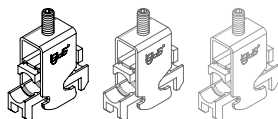
IS.EC.Uxx.yy.zz

*



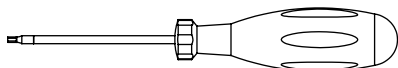
Chainflex Leitung mit
Konfektioniertem M12 Stecker
Chain flex cable with
M12 connector

1x

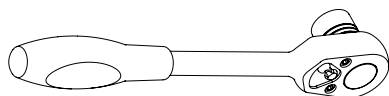


CFXL

*



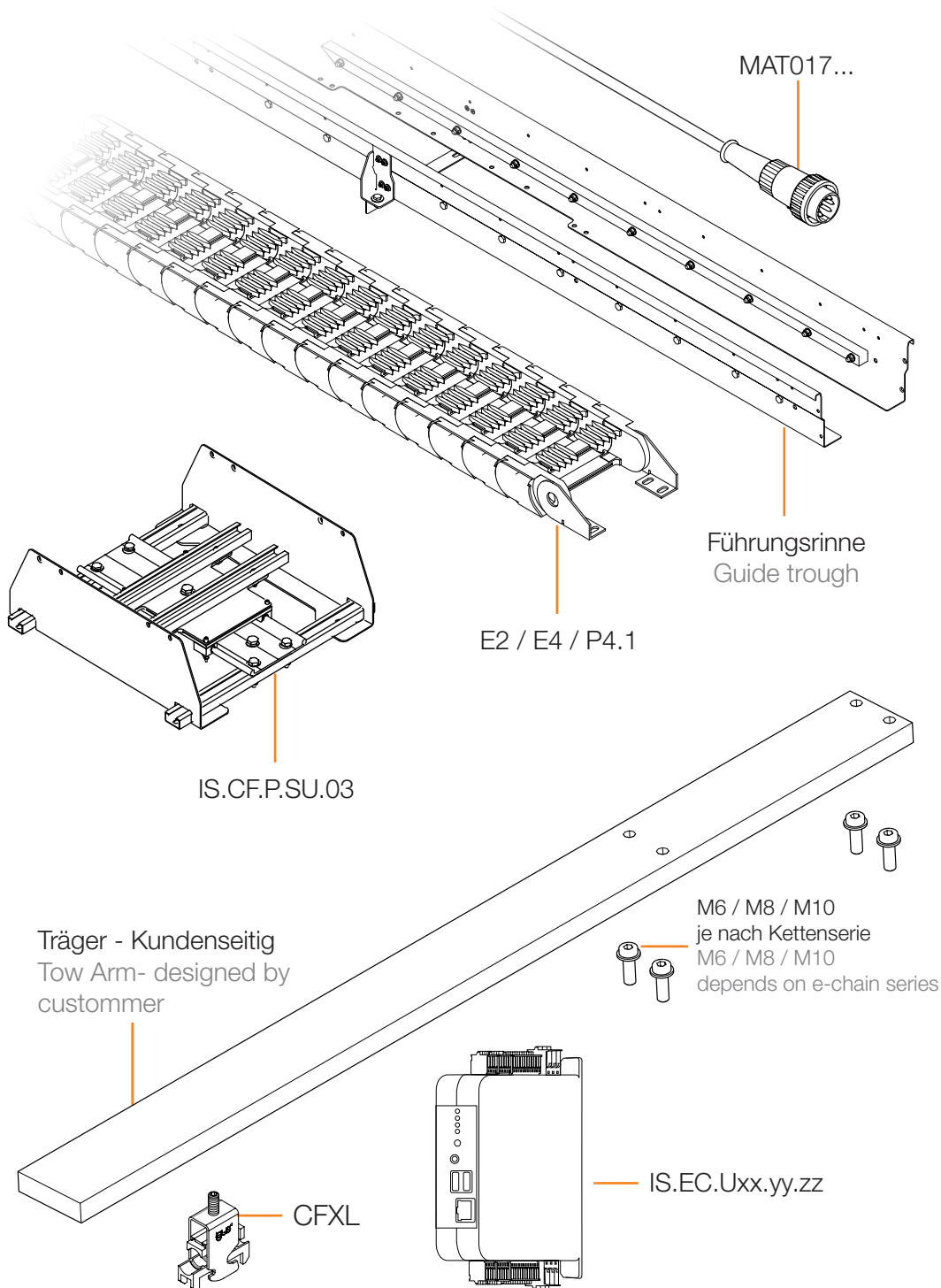
M6 T30 M8 T45



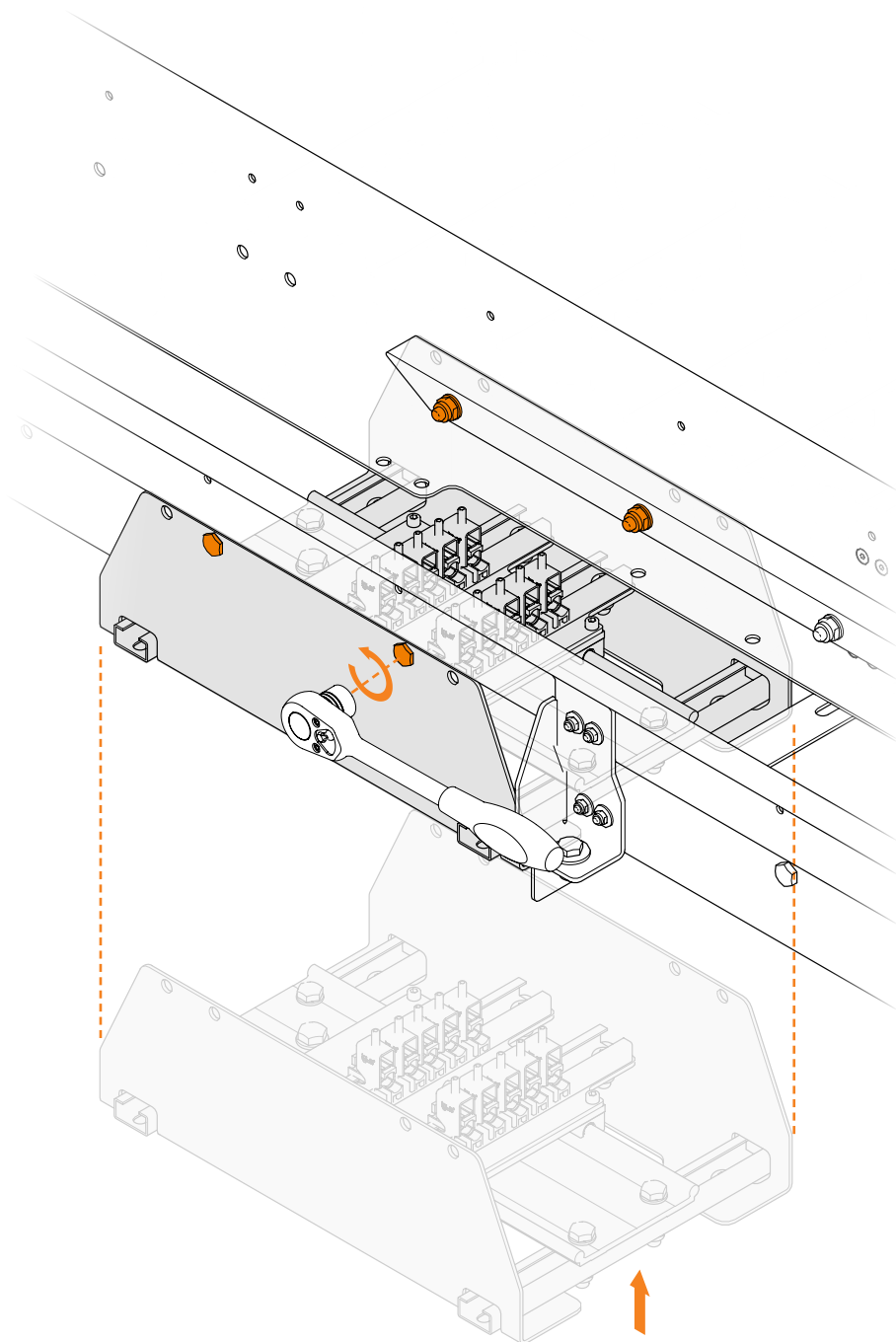
M10 T50 M12 T55



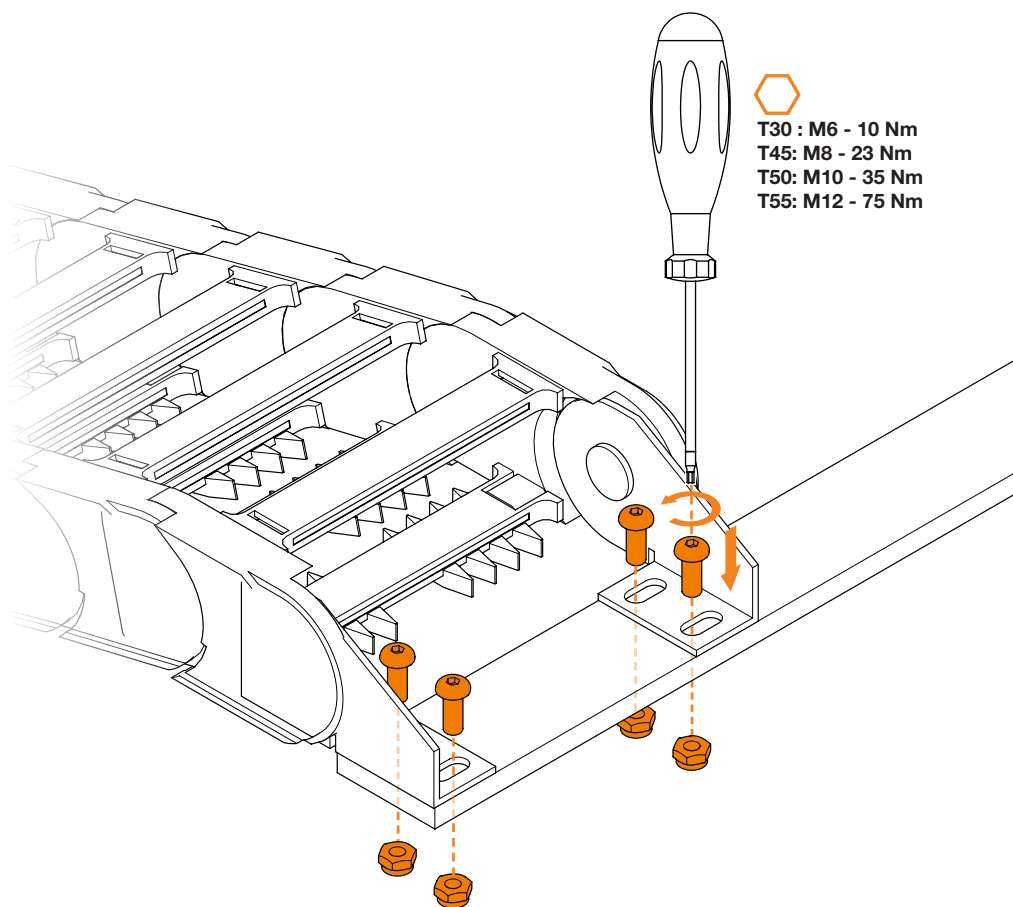
* siehe Bestellung
see order



1



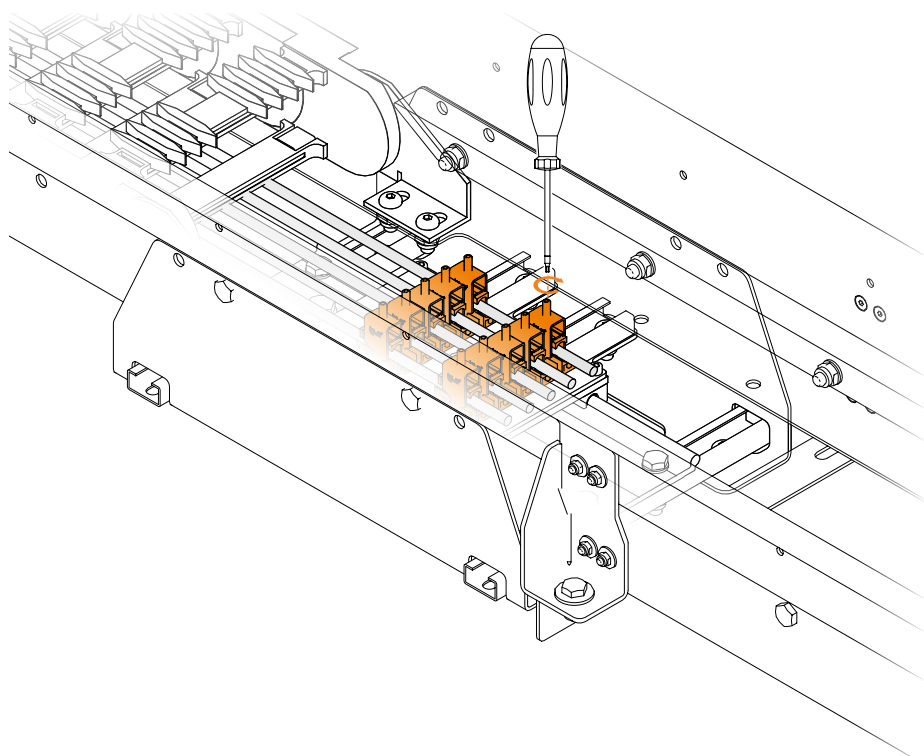
2



T30 : M6 - 10 Nm
T45: M8 - 23 Nm
T50: M10 - 35 Nm
T55: M12 - 75 Nm

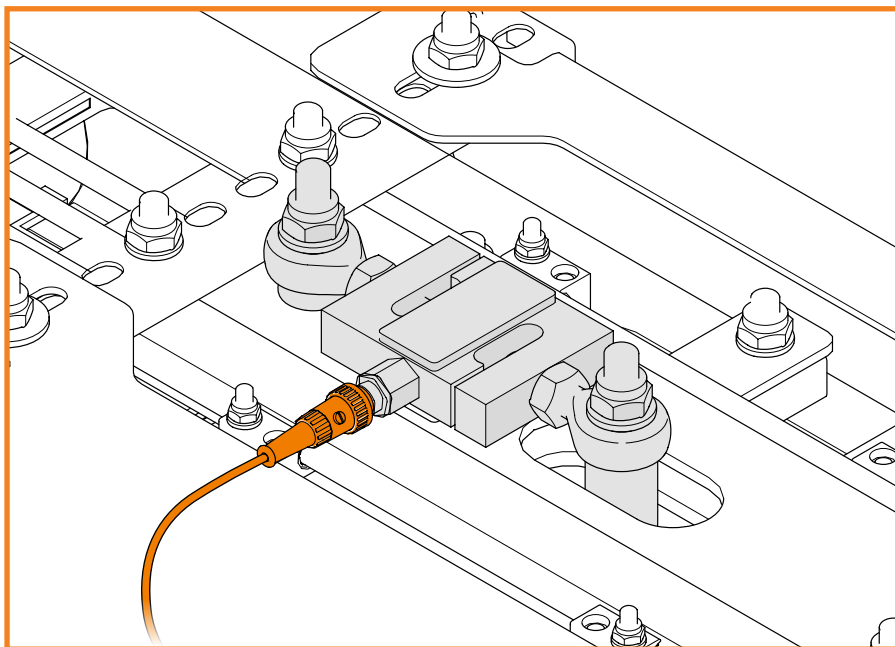
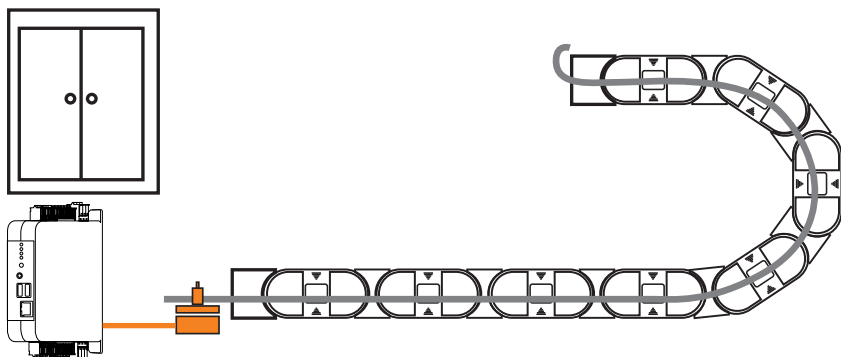
CFXL Bügelschellen nutzen zur Befestigung der Leitungen am CF.P Sensor.
Use CFXL chainfix clamps to fix cables on CF.P sensor side.

3



4

A



integrierte Wägezelle
integrated load cell

Datenblatt 200kg: https://igus.widen.net/s/7zvbfqdmtdq/sma_das_waegezelle-200kg_de
Data sheet 200kg: https://igus.widen.net/s/plfk86gbjq/sma_das_load-cell-200kg_en

Datenblatt 1t: https://igus.widen.net/s/g5mmbhrqq/sma_das_de_waegezelle-1t_de
Data sheet 1t: https://igus.widen.net/s/rqtmtdggbww/sma_das_load-cell-1t_en

Datenblatt 2t: https://igus.widen.net/s/mjchf7gqv/sma_das_de_waegezelle-2t_de
Data sheet 2t: https://igus.widen.net/s/mvcvjfrwgb/sma_das_load-cell-2t_en

Inbetriebnahme & Offsetabgleich Commissioning & offset calibration

Für Inbetriebnahme und Offsetabgleich bitte
i.Sense:modul Betriebshandbuch lesen.
Please read i.Sense:modul manual for
commissioning and offset calibration.

5

DEUTSCH

https://igus.widen.net/s/s6gzkzxvzj/sma_de_das_dokumentation-i.sense_modul-ii_de



ENGLISH

https://igus.widen.net/s/lswmhcyj6g/sma_das_documentation-i.sense_modul-ii_en



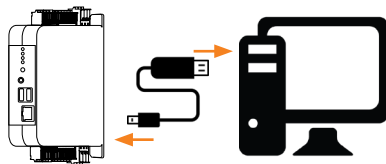
5

A

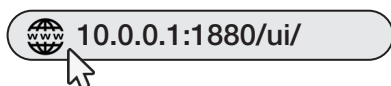
VERBINDUNG PER USB:

CONNECTION VIA USB:

1) microUSB in i.Sense:modul II, USB-A in PC



2)



5

B

VERBINDUNG PER WLAN:

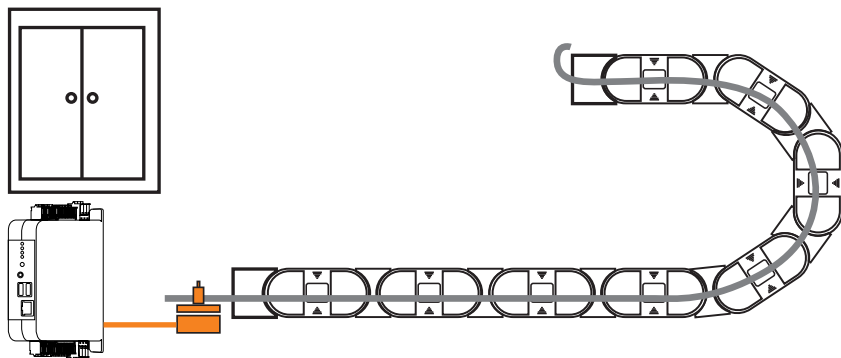
CONNECTION VIA WLAN:



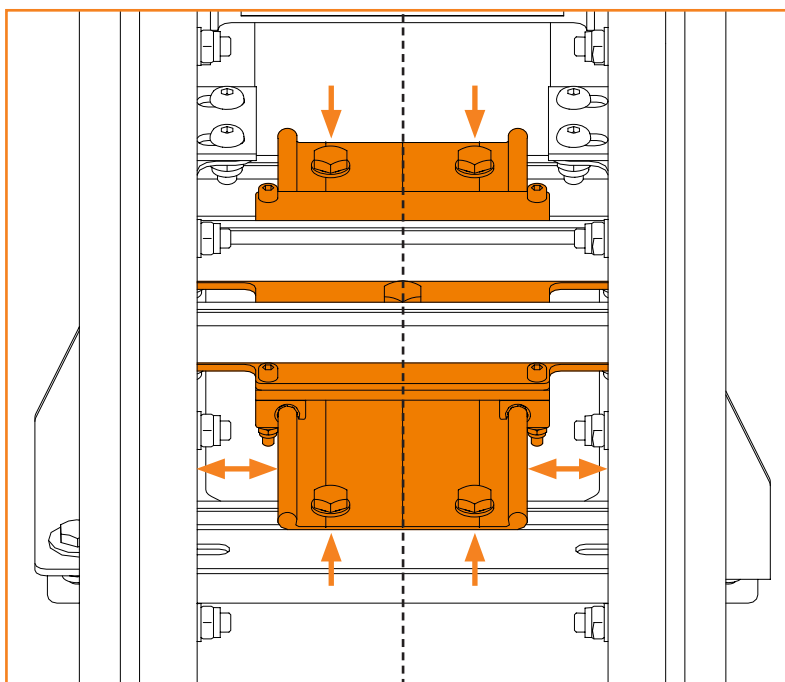
Bitte i.Sense Handbuch S. 14 lesen

Please see i.Sense manual page 14

SENSORINBETRIEBNAHME SENSOR INSTALLATION



- 1) e-kette® mittig platzieren
Set e-chain® in the middle
- 2) Mittige Position von CF.P Sensor innerhalb der Rinne
überprüfen; und ggf. korrigieren.
Check middle position of CF.P sensor; and in case re-adjust.



- 3) angezeigte Kraft als Offset einstellen
(Benutzeroberfläche → Configuration, Channel 1 und/oder 2)
Set offset with displayed force
(User interface → Configuration Channel 1 and/or 2)
- 4) Kraftgrenzen einstellen
(Benutzeroberfläche → Configuration)
Set force limits
(User interface → Configuration)



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