

Quality Integrated Fastening

Station Hardware

SELECTORS

Socket and bit selectors minimize the risk of errors relating to product diversity by automatically selecting correct torque according to the socket or bit selected.

STACKLIGHTS

Lamps and a buzzer give clear feedback and a key switch can be used to acknowledge errors. This arrangement enables you to detect errors at the workstation and correct them in station instead of further down the line.

OPERATOR PANELS

Command buttons and integrated lamps provide a highly effective operator interface and enable manual selection of various program settings.

HMI'S

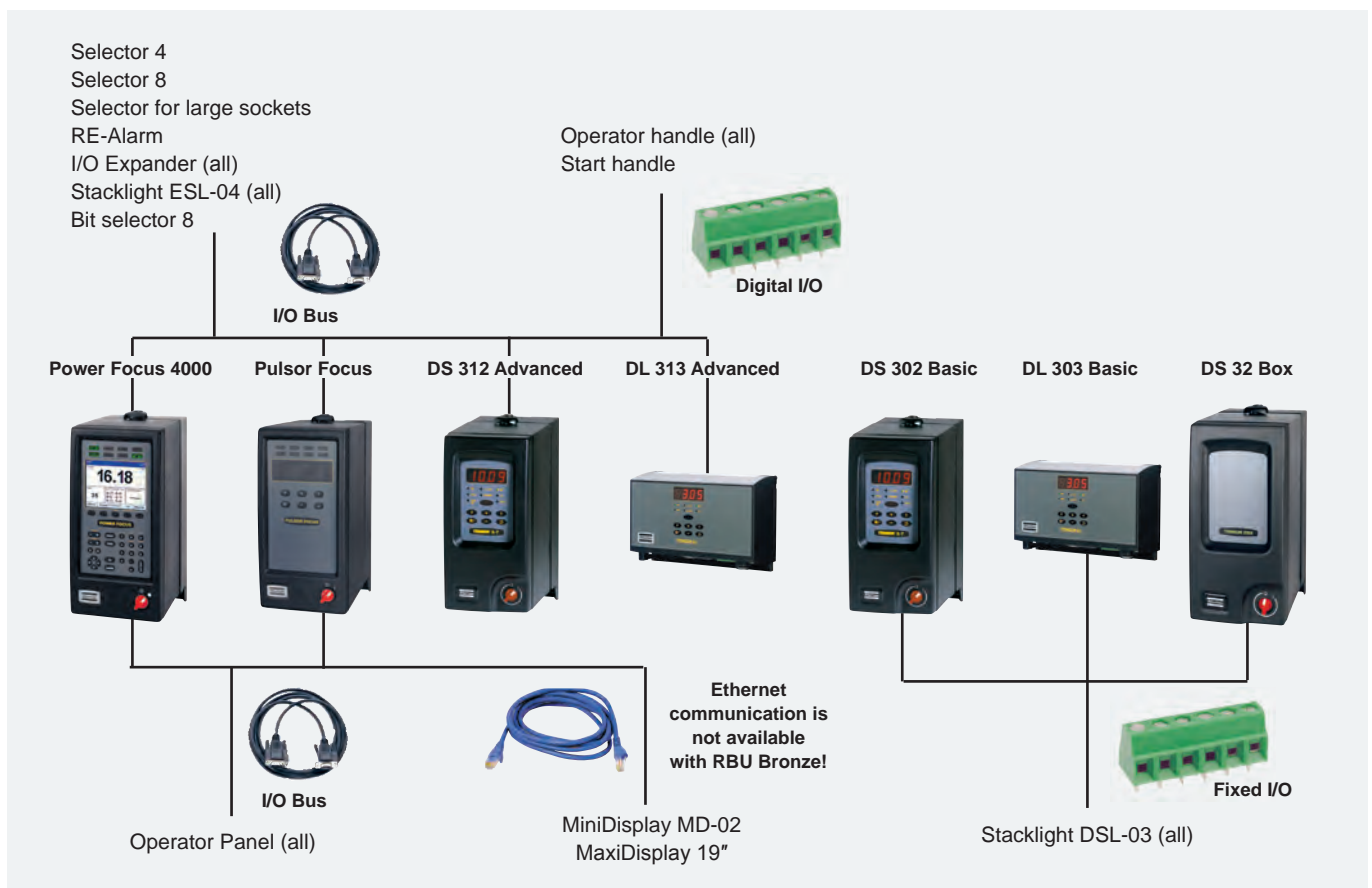
Mini display with Operator Guidance software shows photo of the product on the screen, clearly indicating joints to be tightened and giving build instructions.

WEAFLEX

WEAFlex is a Wireless Ethernet Adapter (WEA) supporting Wireless LAN 802.11b/g interface. Powered by the controller (24vDC), WEAFlex converts the Ethernet port to a Wireless port. This enables communication with ToolsNet for data collection, ToolsTalk for remote programming without USB or Serial cables, production systems or just to exchange information with another controller for a cell job or synchronization.



MODULARITY



Station Hardware

Quality Integrated Fastening

Model	Ordering No.
Remote Start	
Selector 4	8433 0610 04
Selector 8	8433 0610 08
Selector for large sockets	8433 0610 44
Rotary selector	8433 0606 15
Bit selector 8	8433 0612 08
double ^a	4222 0933 92
single ^b	4222 0933 91

^a Only compatible with Bit selector.

^b Only compatible with Socket selector 4 and 8.

I/O Expanders	
Open	8433 0564 39
Sealed	8433 0564 45

Stacklights	
ESL-04 Standard	8433 0570 13
Rotating red	8433 0570 30
Rotating yellow	8433 0570 35
Siren	8433 0570 40
Compact	8433 0570 16
DSL-03 with push button	8433 0570 10
with blanking plugs	8433 0570 11

Operator panel	
Advanced	8433 0565 00
Basic	8433 0565 10

HMI's (Human Machine Interface)	
MiniDisplay -2 6.5", incl. Operator Guidance	8435 3071 00
MaxiDisplay 3 (19") excl. Operator Guidance	8435 3070 20

ComNode 3	
ComNode 3 Touch (15")	8433 2712 00

Communication	
WEAFlex - LAN	8433 1010 00

Remote Start	
Operator handle (ball joint/handle)	
- front/plastic	8435 3030 00
- front/rubber	8435 3030 01
- rear/plastic	8435 3030 02
- rear/rubber	8435 3030 03
Start handle	4220 1391 91

Cables	
Accessory cables	
I/O bus cable 0.5 m	4222 0917 00
1 m	4222 0917 01
3 m	4222 0917 03
5 m	4222 0917 05
10 m	4222 0917 10
15 m	4222 0917 15
I/O Termination plug	4222 0443 00

M12-4 pin	
Female - Open end 5 m	4243 0166 05
Male - Female 5 m	4243 0167 05
10 m	4243 0167 10
15 m	4243 0167 15

Cables for WEAFlex (1 m)	
Power24vDC, M12-5 pin	4243 0286 80
EthernetRJ45, M12-4 pin	4222 1540 01

TLS

Model	Ordering No.
Tool Tags	
TLS ST Tag 32 U1	8433 1030 10
TLS ST Tag 61-S U1	8433 1030 20
TLS ST Tag 61-L U1	8433 1030 30
TLS ST Tag 81-S U1	8433 1030 40
TLS ST Tag 81-L U1	8433 1030 50
TLS ST Tag 101 U1	8433 1030 60

Product Tags (package of 5 units)

TLS Compact Tag U1-63	8433 1026 05
TLS Power Tag U1-65	8433 1025 05
TLS GPS TAG U1-65	8433 1024 05



WEAFlex



Selector 4



Selector 8



I/O expander sealed



Selector for large socket



Stacklight DSL-03



Rotary selector



Stacklight ESL-04 Compact



Operator handle



Operator panel Advanced



Start handle