

Functional Principle with DMF-P A300 NCF Type 4734A...

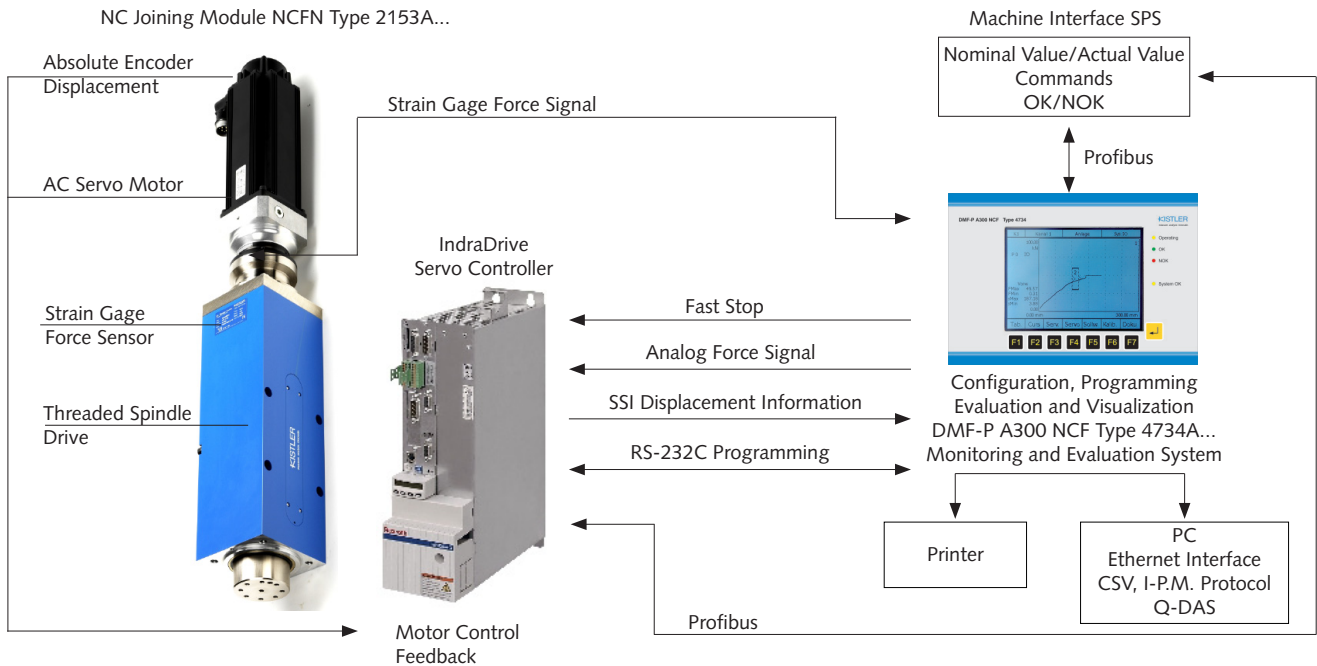


Fig. 2: Functional principle of NC joining system with NC joining module NCFN Type 2153A... and DMF-P A300 NCF Type 4734A...

Included Accessories

- None

Optional Accessories

	Type/Art. No.
• Servo controller for Type 2153A... with integrated safety option IndraDrive 54 A PB S2 MPH07	KSM035374
• Servo controller for Type 2153A... with integrated safety option IndraDrive 70 A PB S2 MPH07	KSM035377
• Servo controller for Type 2153A... with integrated safety option IndraDrive 100 A PB S2 MPH07	KSM035362
• Evaluation unit DMF-P A300 NCF	4734A...
• Wall housing evaluation unit	4734AWDY1...
• Desktop housing evaluation unit	4734ATDY1...
• Panel housing evaluation unit	4734AEDY1...

Cable

	Type/Art. No.
• NCFN 30 motor cable, length 5 m RKL4309	KSM303490-5
• NCFN 60 motor cable, length 5 m RKL4314	KSM305640-5
• NCFN 100 motor cable, length 5 m RKL4323	KSM307530-5
• NCFN 200/300 motor cable, length 5 m RKL4329	KSM316330-5
• NCFN MSK Feedback cable, length 5 m RKG4200	KSM303500-5
• NCF cable SSI displacement IndraDrive, length 5 m	KSM301750-5
• Data cable IndraDrive, length 5 m	KSM301640-5
• NCFN Strain gage force cable, length 5 m	KSM206000-5
• NCF cable analog force signal, length 5 m	KSM301760-5
• NCF cable XTE, YTE IndraDrive, length 5 m	KSM314030-5

Other length on request.

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Functional Principle with DMF-P A310 Universal Type 4740A...

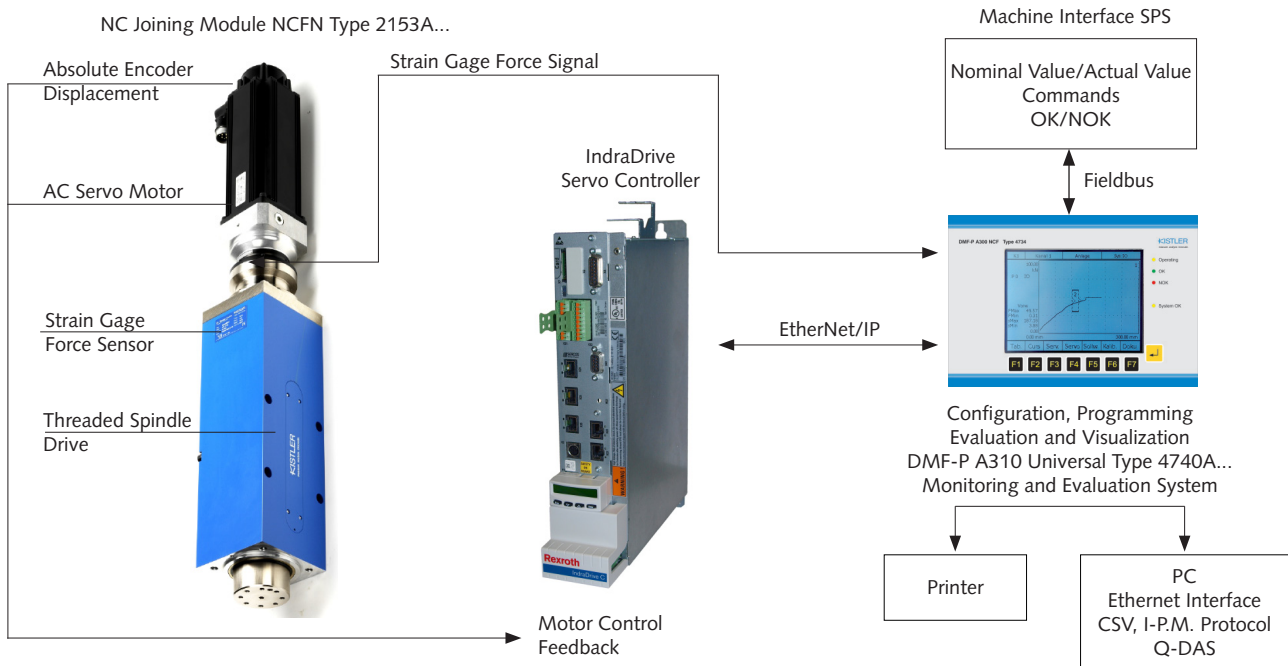


Fig. 3: Functional principle of NC joining system with NC joining module NCFN Type 2153A... and DMF-P A310 Universal Type 4740A...

Included Accessories

- None

Optional Accessories

	Type/Art. No.
• Servo controller IndraDrive 54 A EI S2 MPC07, NCFN 30 kN	KSM036444
• Servo controller IndraDrive 70 A EI S2 MPC07, NCFN 60/100 kN	KSM036448
• Servo controller IndraDrive 100 A EI S2 MPC07, NCFN 200/300 kN	KSM036453
• Evaluation unit DMF-P A310 Universal	4740A...
• Wall housing evaluation unit	4740AWY1...
• Desktop housing evaluation unit	4740ATY1...
• Panel housing evaluation unit	4740AEY1...

Cable

	Type/Art. No.
• NCFN 30 motor cable, length 5 m RKL4309	KSM303490-5
• NCFN 60 motor cable, length 5 m RKL4314	KSM305640-5
• NCFN 100 motor cable, length 5 m RKL4323	KSM307530-5
• NCFN 200/300 motor cable, length 5 m RKL4329	KSM316330-5
• NCFN MSK Feedback cable, length 5 m RKG4200	KSM303500-5
• NCFN Strain gage force cable, length 5 m	KSM206000-5
• Network cable A310 EtherNet/IP, length 5 m	KSM036457-5
• Network cable A310 EtherNet/IP, length 10 m	KSM036458-10
• Network cable A310 EtherNet/IP, length 20 m	KSM036459-20
• Network cable A310 EtherNet/IP, length 30 m	KSM036460-30

Other length on request.

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Functional Principle with NC Compact

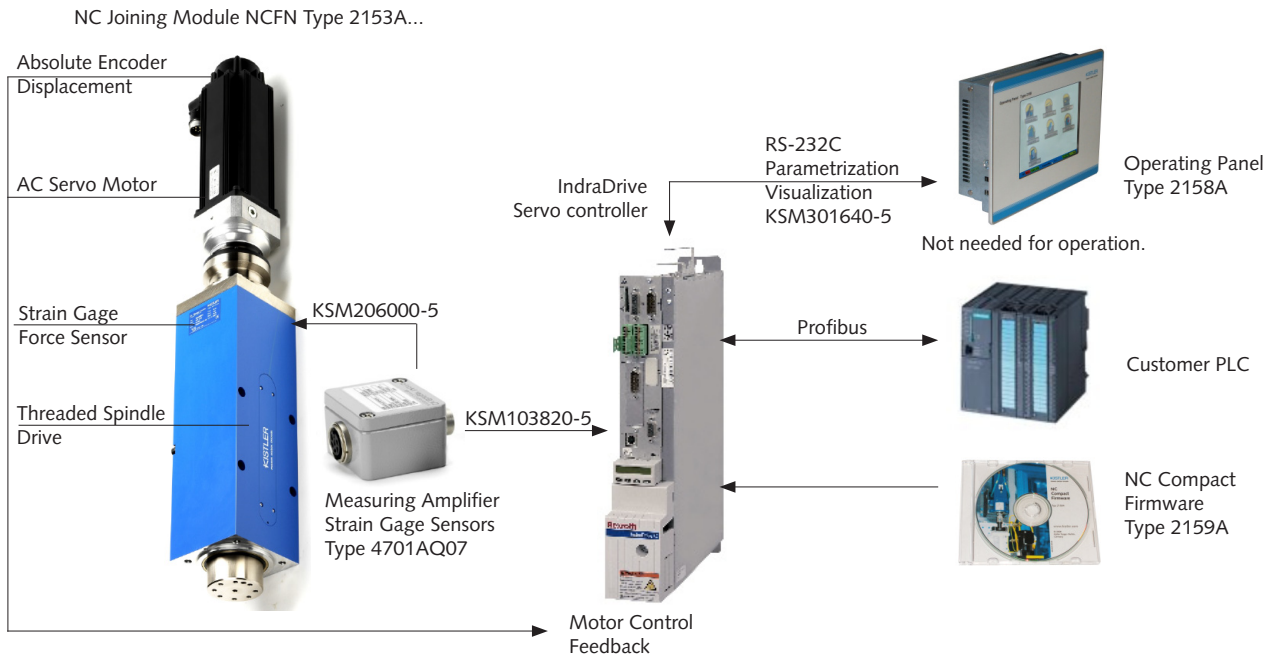


Fig. 4: Functional principle of NC joining system with NC joining module NCFN Type 2153A... and NC Compact Type 2158A and Type 2159A

Included Accessories

- None

Optional Accessories

	Type/Art. No.
• Servo controller for Type 2153A... with integrated safety option IndraDrive 54 A PB S2 MPH07	KSM035374
• Servo controller for Type 2153A... with integrated safety option IndraDrive 70 A PB S2 MPH07	KSM035377
• Servo controller for Type 2153A... with integrated safety option IndraDrive 100 A PB S2 MPH07	KSM035362
• NC Compact Firmware	2159A
• NC Compact Operating Panel	2158A
• Measuring amplifier for strain gage sensors	4701AQ07

Cable

	Type/Art. No.
• NCFN 30 motor cable, length 5 m RKL4309	KSM303490-5
• NCFN 60 motor cable, length 5 m RKL4314	KSM305640-5
• NCFN 100 motor cable, length 5 m RKL4323	KSM307530-5
• NCFN 200/300 motor cable, length 5 m RKL4329	KSM316330-5
• NCFN MSK Feedback cable, length 5 m RKG4200	KSM303500-5
• NCFN Strain gage force cable, length 5 m	KSM206000-5
• Data cable IndraDrive, length 5 m	KSM301640-5
• Cable DMS free/KD6 Tuchel	KSM103820-5
Other length on request.	

Note:
Other Fieldbus Interfaces e.g. EtherNet/IP, Profinet, etc. on request.

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Ordering Key

Type 2153A

Nominal Force [kN]

30	030
60	060
100	100
200	200
300	300

Stroke Length [mm]

200 only nominal force ≤100 kN	200
400	400

Speed [mm/s]

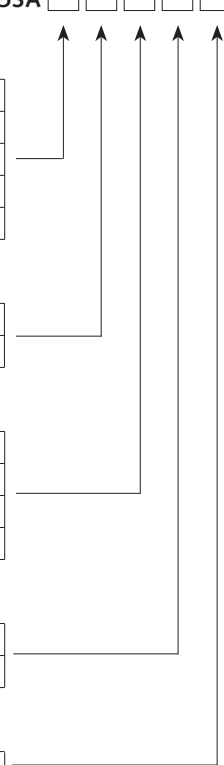
100 mm/s only 300 kN	0
140 mm/s only 200 kN	1
200 mm/s only 100 kN	2
250 mm/s only 30 and 60 kN	3

Brake

holding brake (standard)	H
safety brake ¹⁾	K

Configuration

straight	G
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¹⁾ Safety device is optional

Ordering Example: **Type 2153A0602003HG**

NC joining module NCFN **Type 2153A...**, nominal force **60 kN**,
stroke **200 mm**, speed **250 mm/s**, holding brake **H**, configuration **G**

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