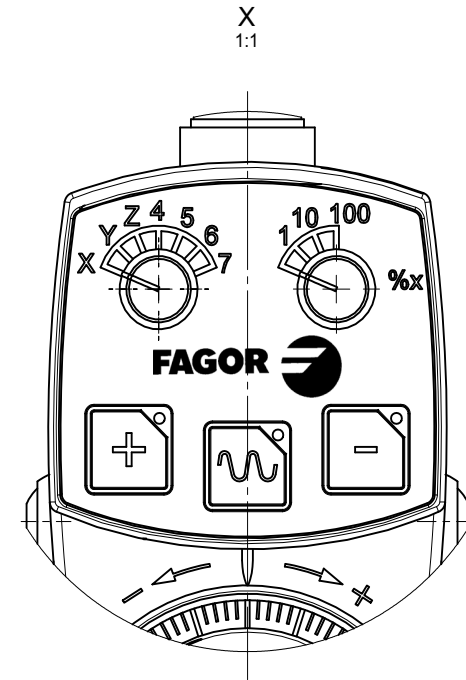
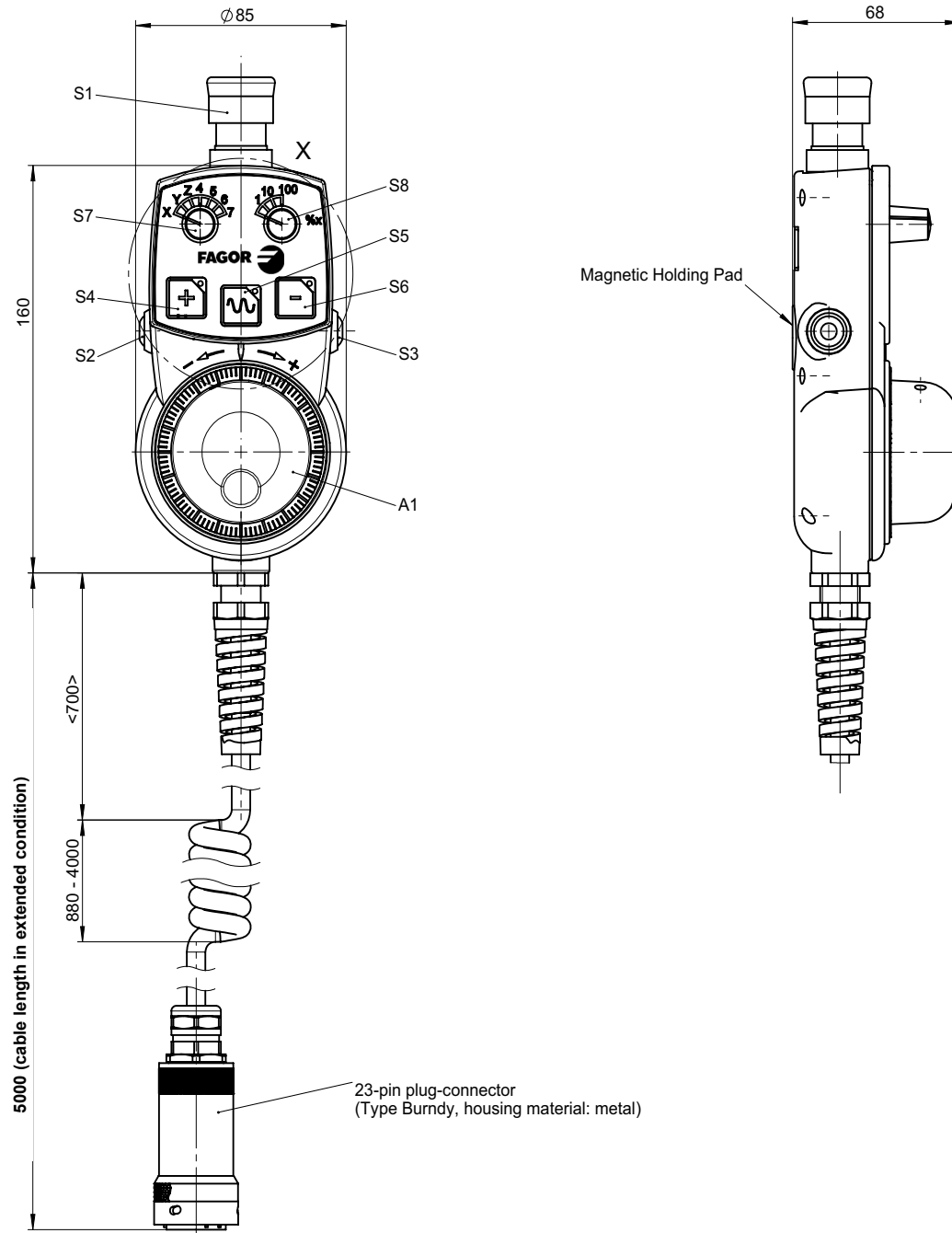


# FAGOR HANDWHEEL MODEL: HBA-119903

Manual version: 1) 1\$  
Dimensions in mm

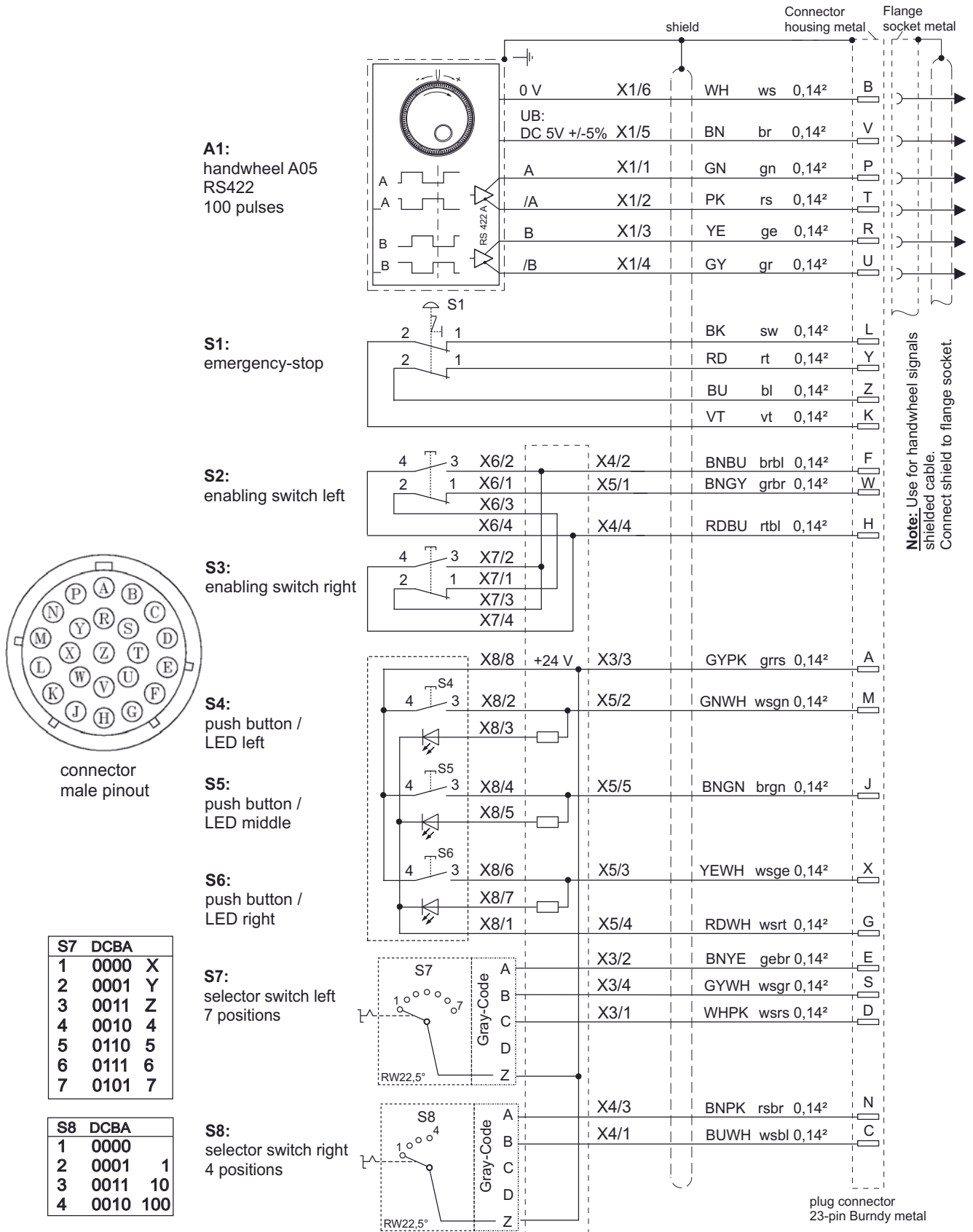


23-pin flange-socket (housing material: metal) with socket contacts enclosed

Use for handwheel signals shielded cable.

Connect shield to flange socket.

# FAGOR HANDWHEEL MODEL: HBA-119903



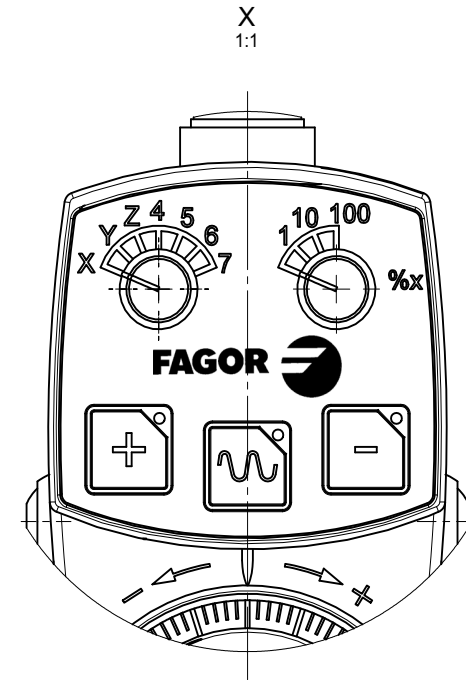
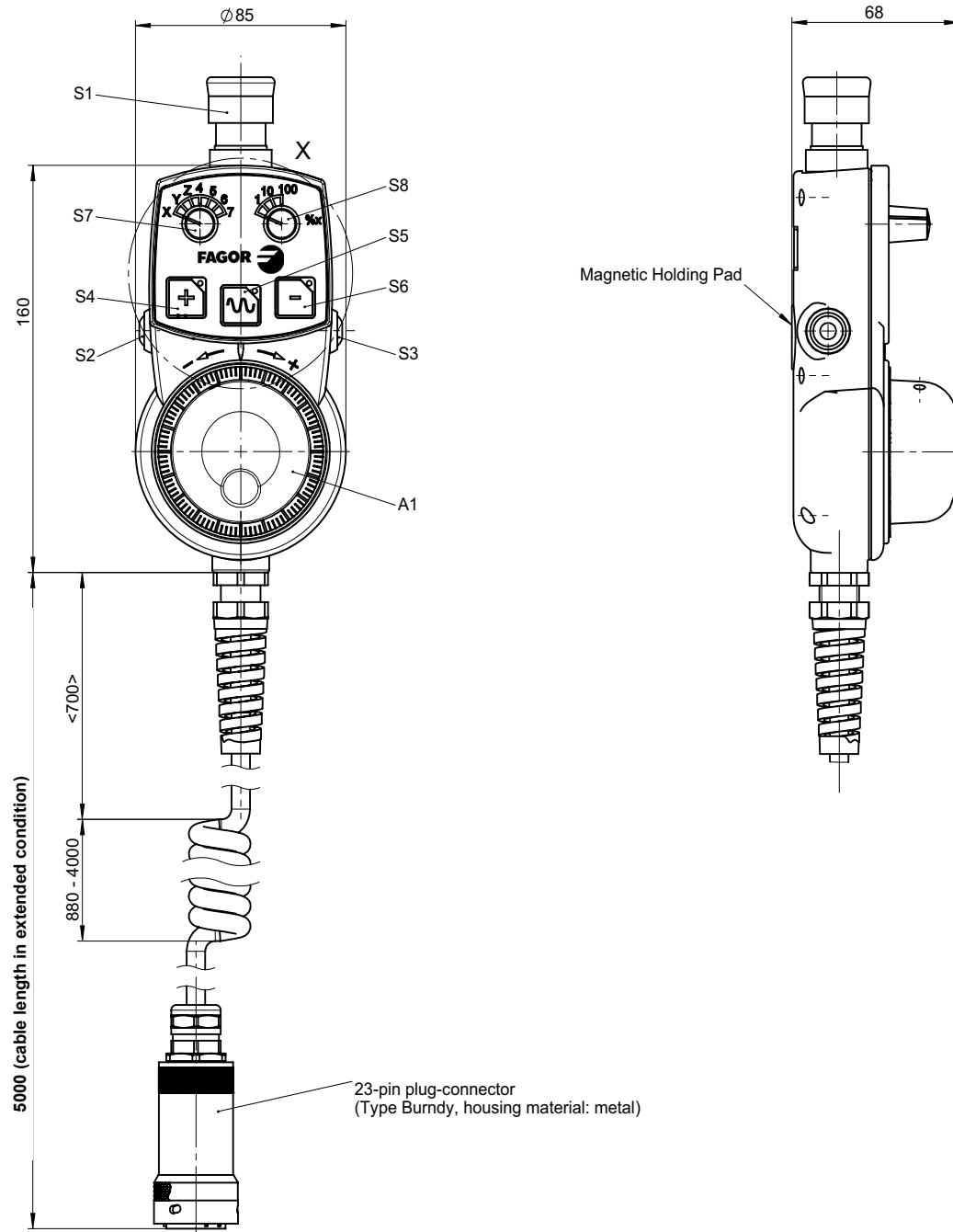
FAGOR AUTOMATION S. COOP.  
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Apdo de correos 144  
20500 Arrasate/Mondragón  
- Spain -

Web: [www.fagorautomation.com](http://www.fagorautomation.com)  
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**FAGOR**  
Fagor Automation S. Coop.

# FAGOR HANDWHEEL MODEL: HBA-119904

Manual version: 1) %\$  
Dimensions in mm

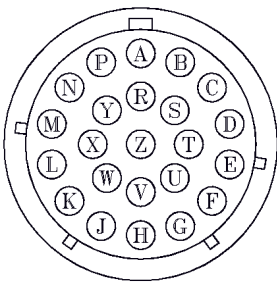
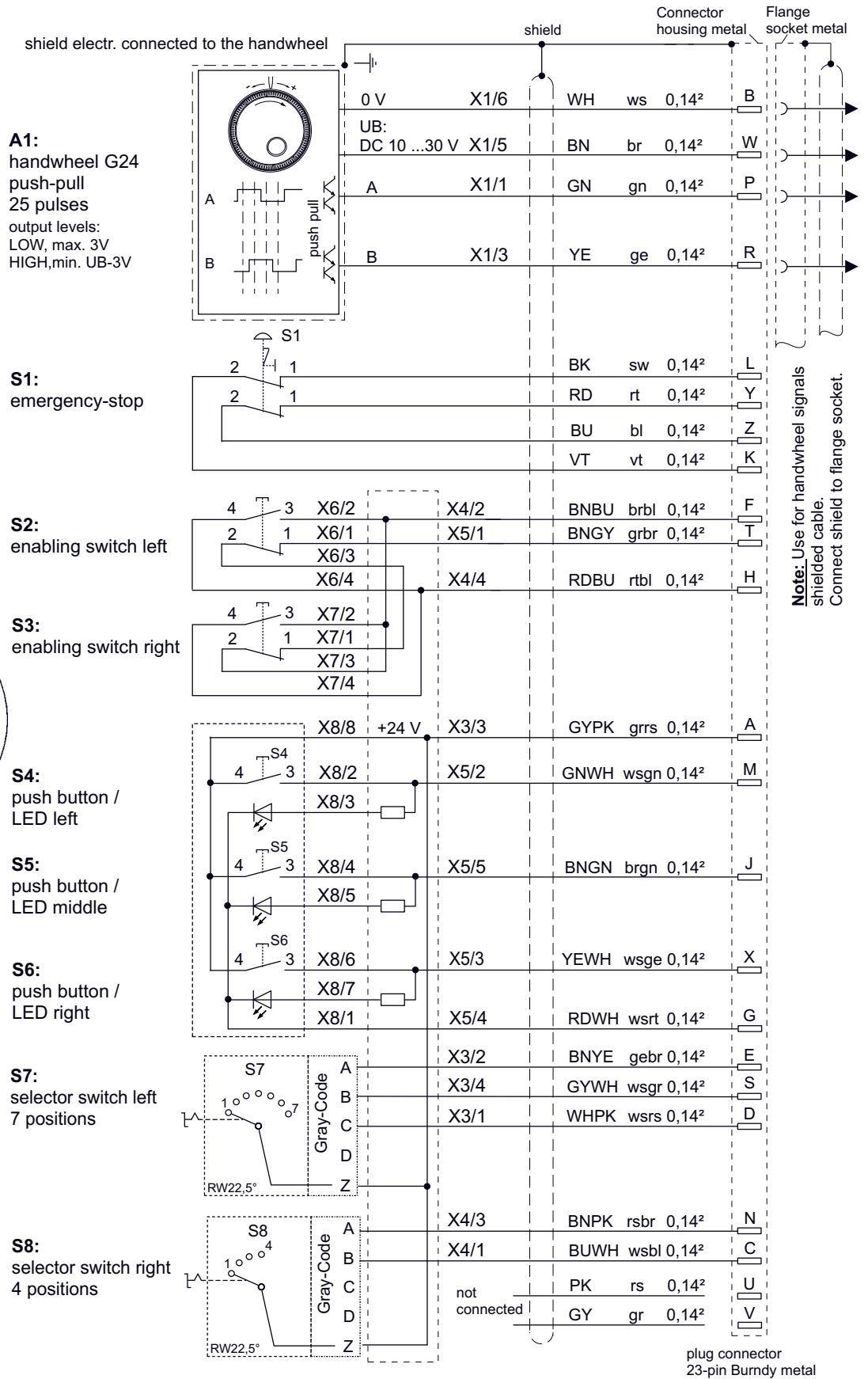


23-pin flange-socket (housing material: metal) with socket contacts enclosed

Use for handwheel signals shielded cable.

Connect shield to flange socket.

# FAGOR HANDWHEEL MODEL: HBA-119904



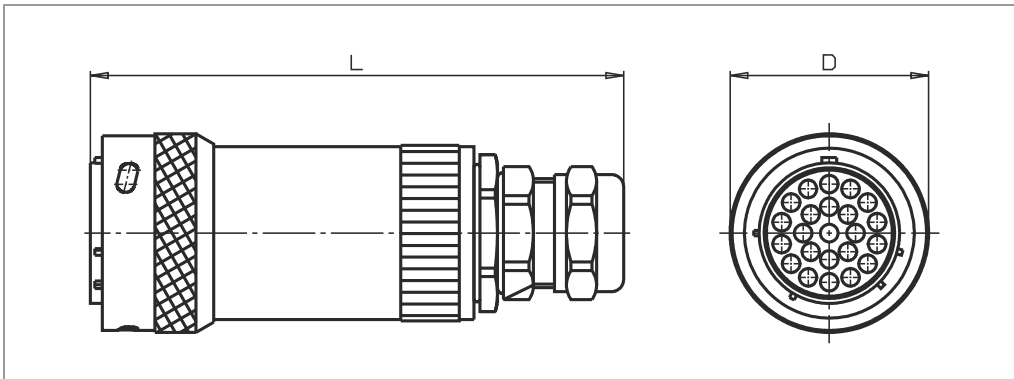
connector male pinout

S7	DCBA	
1	0000	X
2	0001	Y
3	0011	Z
4	0010	4
5	0110	5
6	0111	6
7	0101	7

S8	DCBA	
1	0000	
2	0001	1
3	0011	10
4	0010	100

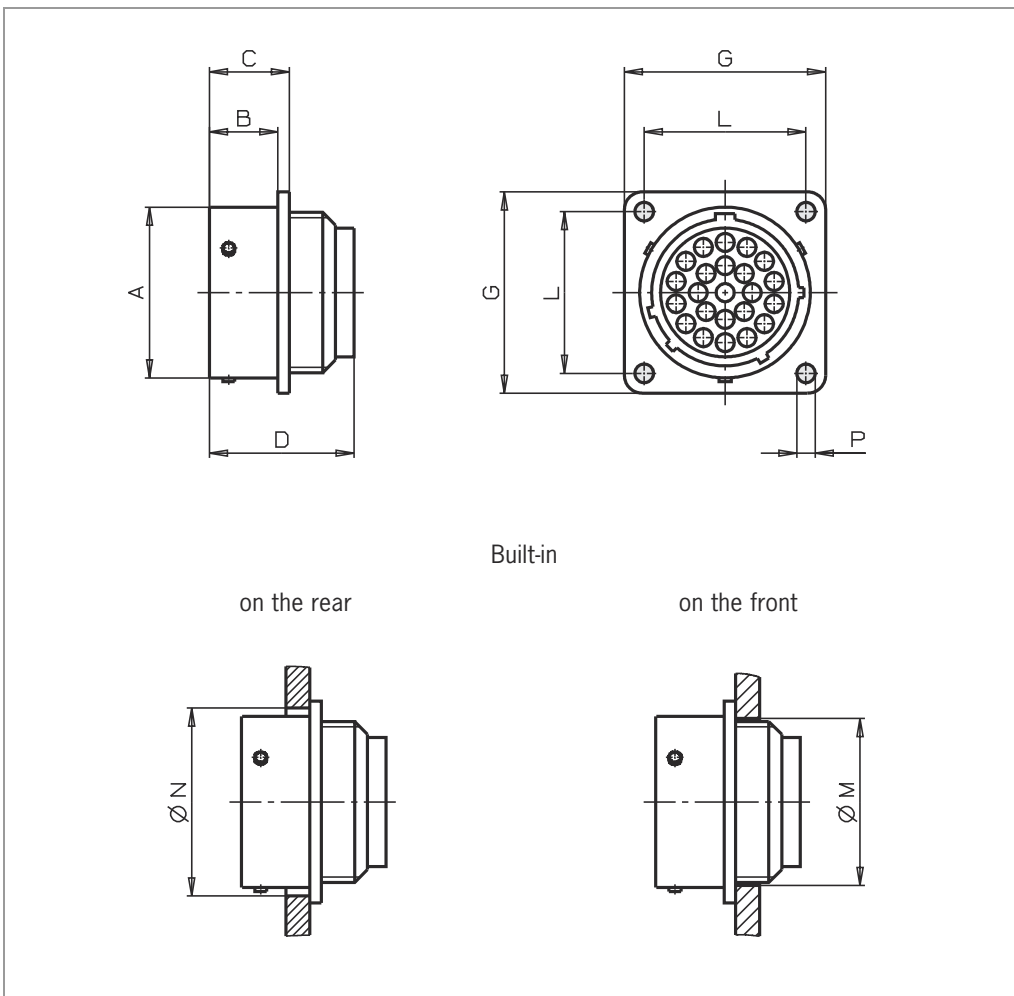
## Connectors

### Male connector:



Number of pins	D	L	Cable diameter
23	33.9	91	6.0 - 10.0

### Female connector:



Number of pins	A	Bmax	Cmax	Dmax	Gmax	L	M	N	P
23	28.5	11.4	13.3	24.1	33.6	27	27.8	31.3	3.1

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