

Data	PFEA 111	PFEA 112	PFEA 113
<b>Power supply</b>	DC 24 V (18 - 36 V)		
IP 20 Voltage	7.5 W	7.5 W	12 W
Power requirement			
IP 65 Main voltage	DC 24 V (18 - 36 V) 100 (-15%) - 240 (+10%) V AC		
Frequency	45 - 65 Hz		
<b>Number of load cells</b>	2	2	4
<b>Load cell excitation</b>	0.5 A rms, 330 Hz		
Current	2 load cells	2 load cells	4 load cells
Max. load	Plus 5 $\Omega$ cable resistance	Plus 5 $\Omega$ cable resistance	Plus 10 $\Omega$ cable resistance
<b>Inputs</b>			
Digital inputs (remote zero or gain scheduling)	-	-	1
Analog inputs (connection of multiple PFEA 113 units)	-	-	2
<b>Outputs</b>			
Analog outputs (voltage or current)	-	-	6
-5 - +11 V (max.load 5 mA)	1	1	-
0 - 21 mA (max. load 550 $\Omega$ )	1	1	-
Selectable filter			
Step response (0 - 90%) can be set for each output	15, 30, 75, 250, 750, 1500 ms	15, 30, 75, 250, 750, 1500 ms	5, 15, 30, 75, 250, 750, 1500 ms
Scaling function of analog outputs	Yes	Yes	Yes
Digital outputs (Status OK and/or Level detectors)	-	-	4
Self diagnostics, Status OK			
LED (green/red)	Yes	Yes	Yes
Alarm on Digital output	-	-	Yes
Alarm via Profibus	-	Yes	Yes
Multi language interactive display <sup>1)</sup>	Yes	Yes	Yes
Selectable tension units on the display	N, kN, kg and lbs, N/m, kN/m, kg/m, pli		
Maximum load memory	Yes	Yes	Yes
Zero offset memory	Yes	Yes	Yes
<b>Communication</b>			
Profibus DP, baud rate up to 12 Mbit	-	Yes	Yes
GSD-file	-	ABB_0716.GSD	ABB_0717.GSD
<b>Environmental tolerance</b>			
Electrical environment	As per EMC Directive 89/336/EEC		
Electrical interference environment	As per Low Voltage Directive 73/23/EEC		
Electrical safety	As per UL508 Industrial control equipment <sup>2)</sup>		
Ambient temperature	+5 - +55°C		
Degree of protection	IEC 529 Protection class IP 20 or IP 65 (NEMA 4)		

<sup>1)</sup> English, German, Italian, French, Japanese, Portugese

<sup>2)</sup> Not PFEA 112-65