

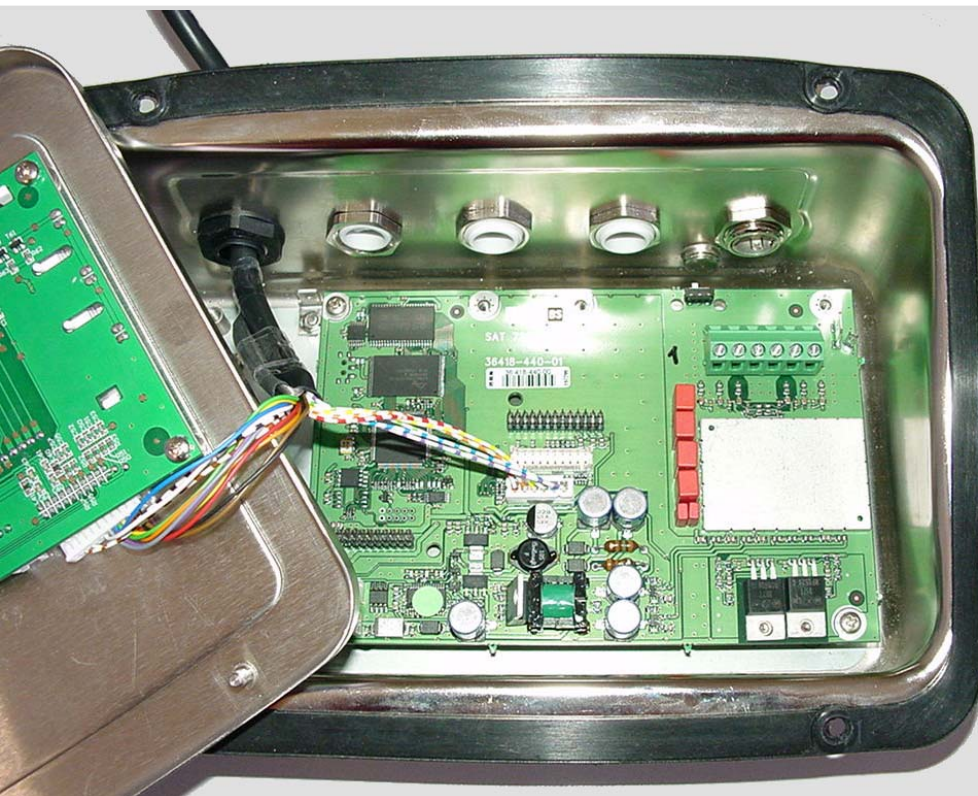
This document will soon
proudly feature our new
brand & design – Minebea Intec



sartorius
mechatronics

Signum® Complete Scale

Option A15: Second scale connection – analog weighing platform



- An additional, powerful analog/digital converter that enables the use of a second weighing point; e.g., for connecting a weighing platform with a broad weighing range and resolution (such as a Combiics platform, pallet scale or flat-bed scale)
- Connect reference scale to display and control unit with cable gland, or install a separable plug-in connector: Option X1
- Operator-guided configuration of reference scale in the operating menu of the Signum scale
- Also available for use in legal metrology; reference scale configurable in class III up to 6250e and in class IIII up to 1000e
- Option available for application levels 2 and 3
- Connection of a digital, high-resolution platform (such as an IS platform) or complete scale as reference scale over the RS-232 or RS-485 port is also possible

Accuracy class	Klasse / Class	III	IIII
Max. permissible number of verification scale intervals			
Single range instrument	$n \leq$	6250e	1000e
Multiple range instrument	$n_1 \leq$	3125e	1000e
Multi-interval instrument	$n \leq i$	3125e	1000e
Multi-interval instrument	$\text{Max}/e_1 \leq$	6250e	6250e
Load cell supply voltage	U_{exc}	8.4 VDC	
Minimum input voltage per verification scale interval	U_{min}	0.672 μ V	
Limits of load resistance	$R_{\text{Lmin}} \dots R_{\text{Lmax}}$	83 Ω 2000 Ω	
Limits of temperature range	$T_{\text{min}} \dots T_{\text{max}}$	-10°C to +40°C (+14°F to +104°F)	
Fraction of the maximum permissible error	ρ_i	0.5	
Type of cable connection		6-Leiter / 6-conductor	
Max. value of cable length per wire cross-section	$(L/A)_{\text{max}}$	150 m/mm ²	
Range of input voltage	$U_{\text{min}} \dots U_{\text{max}}$	0 to 29.4 mV	
Power supply	U_p	100...240 V AC, 50...60 Hz oder / or 24 VDC	