



Dijital Tartım Transmitter | Digital Weighing Transmitter



TR

DWT, yüksek hassasiyetli tartım işlemleri için geliştirilmiş, gelişmiş filtreleme algoritmalarına sahip bir tartım indikatörüdür. Titreşim ve salınımlardan etkilenmeyen yapısı sayesinde, özellikle hareketli sistemlerde güvenilir ve kararlı ölçüm sağlar.

Cihaz, 3 adet transistör çıkışı ve 3 adet dijital girişe sahiptir. Bu sayede, otomasyon sistemlerine kolayca entegre olabilir ve farklı kontrol senaryoları uygulanabilir. Aşırı yük koruma özelliği sayesinde yük hücrelerini koruyarak sistem güvenliğini artırır.

DWT, basit dolum uygulamaları, vinç sistemleri, asansör yük kontrolü, tek materyal dolum işlemleri gibi birçok endüstriyel alanda güvenle kullanılabilir.

Cihaz ayrıca, RS232, RS485 ve opsiyonel olarak Modbus TCP gibi haberleşme protokolleriyle donatılmış olup, geniş haberleşme altyapısı sayesinde SCADA sistemleri ve diğer kontrol üniteleriyle tam uyum sağlar.

EN

DWT is a weighing system with advanced filtering algorithms developed for high precision weighing processes. Thanks to its structure that is not affected by vibrations and oscillations, it provides reliable and stable measurement especially in moving systems.

The device has 3 transistor outputs and 3 digital inputs. In this way, it can be easily integrated into automation systems and different control scenarios can be applied. With its overload protection feature, it increases system safety by protecting load cells.

DWT can be used in many applications such as simple filling applications, crane systems, lift load control, single material filling operations. can be used safely in the industrial area.

The device is also equipped with communication protocols such as RS232, RS485 and optionally Modbus TCP, Thanks to its wide communication infrastructure, it provides full compatibility with SCADA systems and other control units.

Accuracy Class	1/30000	Sampling Frequencies (Hz)	6 / 12 / 25 / 50 / 100 / 200 / 400 / 800 / 1600 / 3200
LED Display	6 Digit, 7 mm, Yellow led display screen	Digital Filtering	5-stage filter – Vibration-reducing algorithm
Display Range	-9.999 ~ +99.999	Digital Inputs	1 Siren Input
Weighing Capacity	1 ~ 99.999	2xRS232	Serial communication support (External display)
Division	0.001/0.002/0.005/0.01/0.02/0.05/0.1 0.2/0.5/1/2/5/10/20/50/100	Operating Voltage	24VDC Power Supply Input
Number of Buttons	4 Function	EMC Design	High interference immunity for industrial environments
Function	Suitable for menu and shortcut operations	Reset & Calibration	Reset on startup, Automatic reset tracking, Manual reset, Zero calibration, Load calibration, Data calibration
ADC	Supports 8 x 350Ω load cells		
ADC Type	24-bit Δ-Σ High-Precision ADC		

Uygulama Alanı | Application

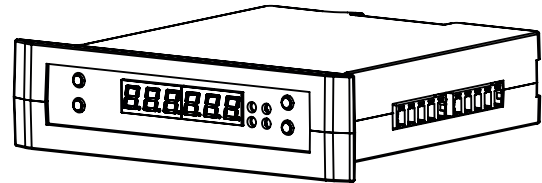
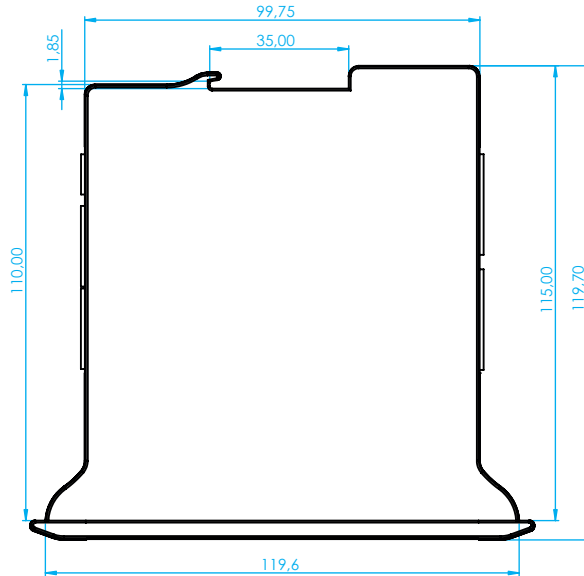
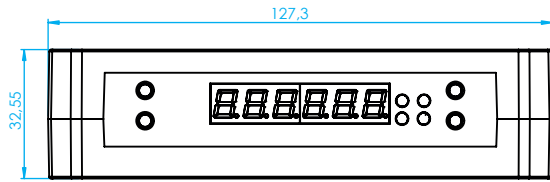


Endüstriyel Otomasyon Uygulamaları / Ağırlık Yük Uygulamaları / Dolum - Dozajlama Uygulamaları / Çekme - Kopma Testleri
Industrial Automation Applications / Overload Applications / Filling - Dosing Applications / Tensile - Tear Tests

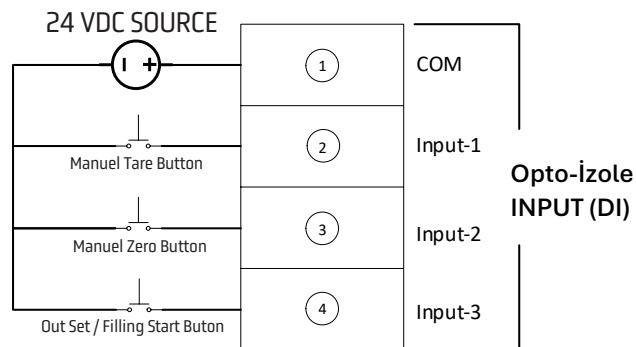
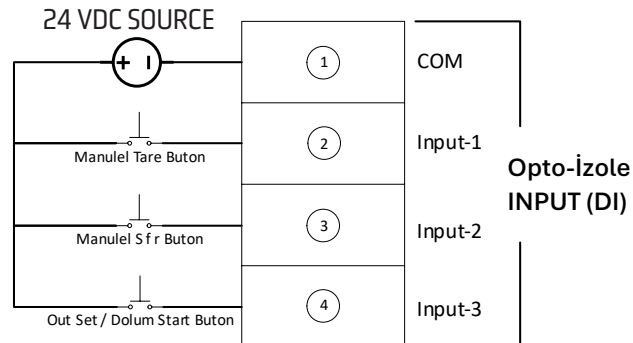
Teknik Ölçüler | Dimensions (mm)



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Digital Input (DI) Connections



Digital Out (DO) Connections

