

LP42 is a high precision load cell produced with a capacity of 4.2 Tons for feed mixers and mobile weighing machines. Nickel-plated alloy steel body and sealing ensure reliable precision in demanding industrial applications. It provides protection in IP67 class by preventing dust and water from entering the measurement area with its enclosure made of rigid plastic material with seals on both sides.

APPLICATIONS

✓ Feed mixer machines, Mobile weighing, Animal scales



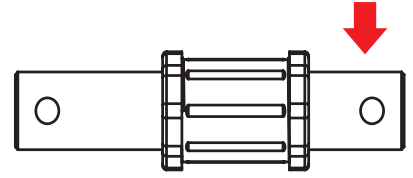
FEATURES

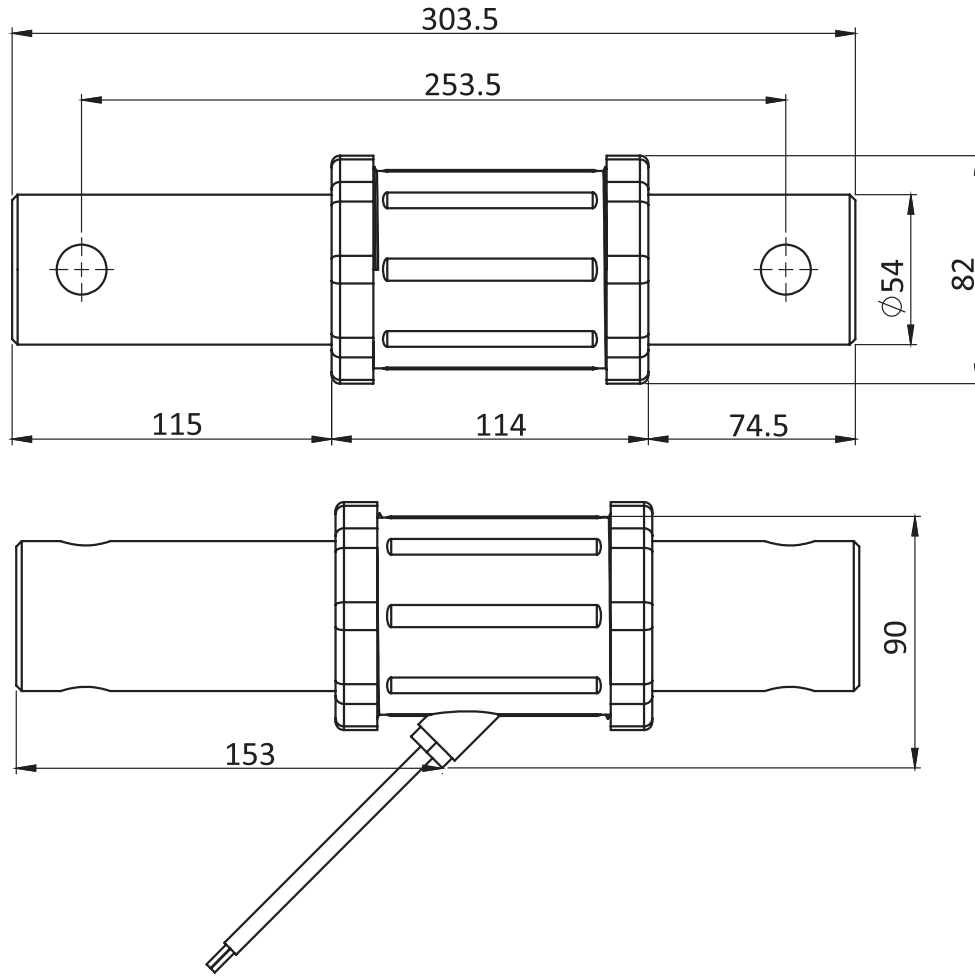
- ✓ IP68 Protection Class
- ✓ Nickel Plated Steel Alloy
- ✓ Ease of Installation

CONNECTION DIAGRAMS



WORKSTYLE





Capacity	4.2 t
Accuracy Class	C1
Minimum Load	0 kg
Maximum Number of Intervals (nLC)	2000
Minimum Number of Verified Intervals	4000
Total Error	$\pm 0.05 \%FS$
Output Signal (FS)	$0.900 \pm 0.05mV/V$
Zero Balance	$\pm 1 \%FS$
Input Resistance	$380 \Omega \pm 20 \Omega$
Output Resistance	$351 \Omega \pm 3 \Omega$
Insulation Resistance	$\leq 5000 M\Omega (100VDC)$
Compensated Temperature	$-10 \sim + 40 ^\circ C$ (Opsiyon / Option)
Operating Temperature	$-30 \sim + 70 ^\circ C$
Recommended Supply Voltage	10 VDC
Maximum Supply Voltage (Umax)	15 VDC
Safe Overload	150 % FS
Fracture Load	300 % FS
Protection Class (EN60529)	IP 67
Material	Alařımlı elik / Alloy Steel
Cable	4x022 mm ² - 5 Metre / Meters