KERN CS 750-3P1



4-wire "S" measuring cell made of nickel-plated steel for force and mass measurement



Category	
Brand	Sauter
Product categoriy	Measuring cell
Product group	Load/force measuring cell
Product family	CS P1
Measuring System	
Weighing capacity [Max]	750 kg
Load cell connection	4-wire
Load cell OIML class	C3
Load cell - Resolution (verifiable)	3000 e
Load cell - characteristic value - nominal	2 mV/V
Load cell - Y-value	10000
Load cell - Combined error	0,02%
Measuring applications	force mass
Load sell - Input resistance - nominal	350 Ω
Load cell - Output resistance - nominal	351 Ω
Load cell - Isolation resistance - [Min]	500 ΜΩ
Measuring range force [Max] (N)	7,5 kN
Directions of force	tension compression
Approval	
CE mark	✓

Dimension (W×D×H)50,8×76,2×20,8 mmMaterialsteel, nickel-platedCable length3 mMounting - force applicationThreaded hole M12Mounting - force dissipationThreaded hole M12FunctionsIP protection - complete deviceIP67Environmental conditionsUse temperature [Min]-10 °CUse temperature [Max]40 °CAmbient temperature [Max]65 °CStorage temperature [Max]65 °CStorage temperature [Max]70 °CPacking & Shipping70 °CReadability force [d] (N)1 dDimensions packaging (W×D×H)185×155×60 mmNet weight0,52 kgShipping methodParcel serviceNet weight approx.0,65 kgShipping weight0,617 kgServices (optional)961-164VArticle number for factory calibration (tensile force)961-364VPictograms961-364V		
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Pictograms	compressive force)	
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STANDARD	STANDARD	



IP 67 1 DAY



Construction

Design

"S" shaped cell