## KERN CS 7500-3P1



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]	7500 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%
Load cell - Dead load [Min] (%)	0%
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)	75 kN
Directions of force	tension compression

Approval	
CE mark	✓

Construction  Design "S" shaped cell Dimension (W×D×H) 125×175×50 mm Material steel, nickel-plated Cable length 6 m Mounting - force application Threaded hole M33 × 3 Mounting - force dissipation Threaded hole M33 × 3  Functions  IP protection - complete device IP67  Environmental conditions  Use temperature [Min] -10 °C Use temperature [Max] 40 °C Ambient temperature [Min] -35 °C Ambient temperature [Min] -40 °C Storage temperature [Min] -40 °C Storage temperature [Min] -70 °C  Packing & Shipping  Readability force [d] (N) 1 d Dimensions packaging (W×D×H) 320×320×160 mm Net weight 6,68 kg Shipping method Parcel service Net weight approx. 7 kg Gross weight approx. 9 kg Shipping weight 8,02 kg  Services (optional)  Article number for factory calibration (tensile force) Article number for factory calibration (tensile force/ compressive force)  Article number for factory calibration (tensile force/ compressive force)		
Dimension (W×D×H)  Material  Cable length  Mounting - force application  Mounting - force dissipation  Functions  IP protection - complete device  IP67  Environmental conditions  Use temperature [Min]  Use temperature [Max]  Ambient temperature [Min]  Ambient temperature [Min]  Storage temperature [Min]  Packing & Shipping  Readability force [d] (N)  Dimensions packaging (W×D×H)  Net weight  Shipping method  Net weight approx.  Gross weight approx.  Services (optional)  Article number for factory calibration (tensile force)	Construction	
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Services (optional)  Article number for factory calibration (tensile force)  Article number for factory calibration (compressive force)  Article number for factory calibration (tensile force/ 961-366V	Gross weight approx.	9 kg
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## KERN CS 7500-3P1



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

Pictograms		
STANDARD		
IP 67 1 DAY		
OPTION		