SAUTER **CS 500-3P2**

"S"-Load/force measuring cell made from stainless steel



Date of creation: 23.10.2026

Category	
Brand	Sauter
Product category	Measuring cell
Product group	Load/force measuring cell
Product family	CS P2

Measuring System	
Weighing capacity [Max]	500 kg
Measuring range force [Max] (N)	5 kN
Load cell - characteristic value - nominal	2 mV/V
Load cell OIML class	C3
Load cell connection	4-wire
Load cell - Resolution (verifiable)	3000 e
Load cell - Dead load [Min] (%)	0%
Measuring applications	force mass
Directions of force	tension compression
Load cell - Y-value	12000
Load sell - Input resistance - nominal	350 Ω
Load cell - Output resistance - nominal	355 Ω
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Combined error	0,023%

Functions	
IP protection - complete device	IP68

Construction	
Material	steel, stainless
Design	"S" shaped cell
Dimension (W×D×H)	92×86×50 mm
Cable length	6 m
Mounting - force application	Threaded hole M12
Mounting - force dissipation	Threaded hole M12

Environmental conditions	
Ambient temperature [Min]	-35 °C
Ambient temperature [Max]	65 °C
Use temperature [Min]	-10 °C
Use temperature [Max]	40 °C
Storage temperature [Min]	-40 °C
Storage temperature [Max]	70 °C

Approval	
CE mark	✓

Services (optional)	
Article number for DAkkS calibration (compressive force)	963-263V
Article number for DAkkS calibration (tensile force)	963-163V
Article number for DAkkS calibration (tensile force/ compressive force)	963-363V

Product information	
GTIN/EAN number	4045761232525
Trade number	90249000
Warranty Time	24 mon
REACH classification	no prohibited substances

Packing & Shipping	
Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	205×170×60 mm
Net weight approx.	1,4 kg
Gross weight approx.	1,6 kg
Shipping volume weight	0,4 kg

SAUTER **CS 500-3P2**

"S"-Load/force measuring cell made from stainless steel

Pictograms

STANDARD



OPTION

