



AAA-BBB-CCC-DD.SEF-ATEX

A Type designation according to **construction form** (several letters)

B design-dependent **supplement** (multi-digit numerical value and possibly letters)

C **Nominal force in kN** (multi-digit numerical value and possibly deviating unit of measurement)

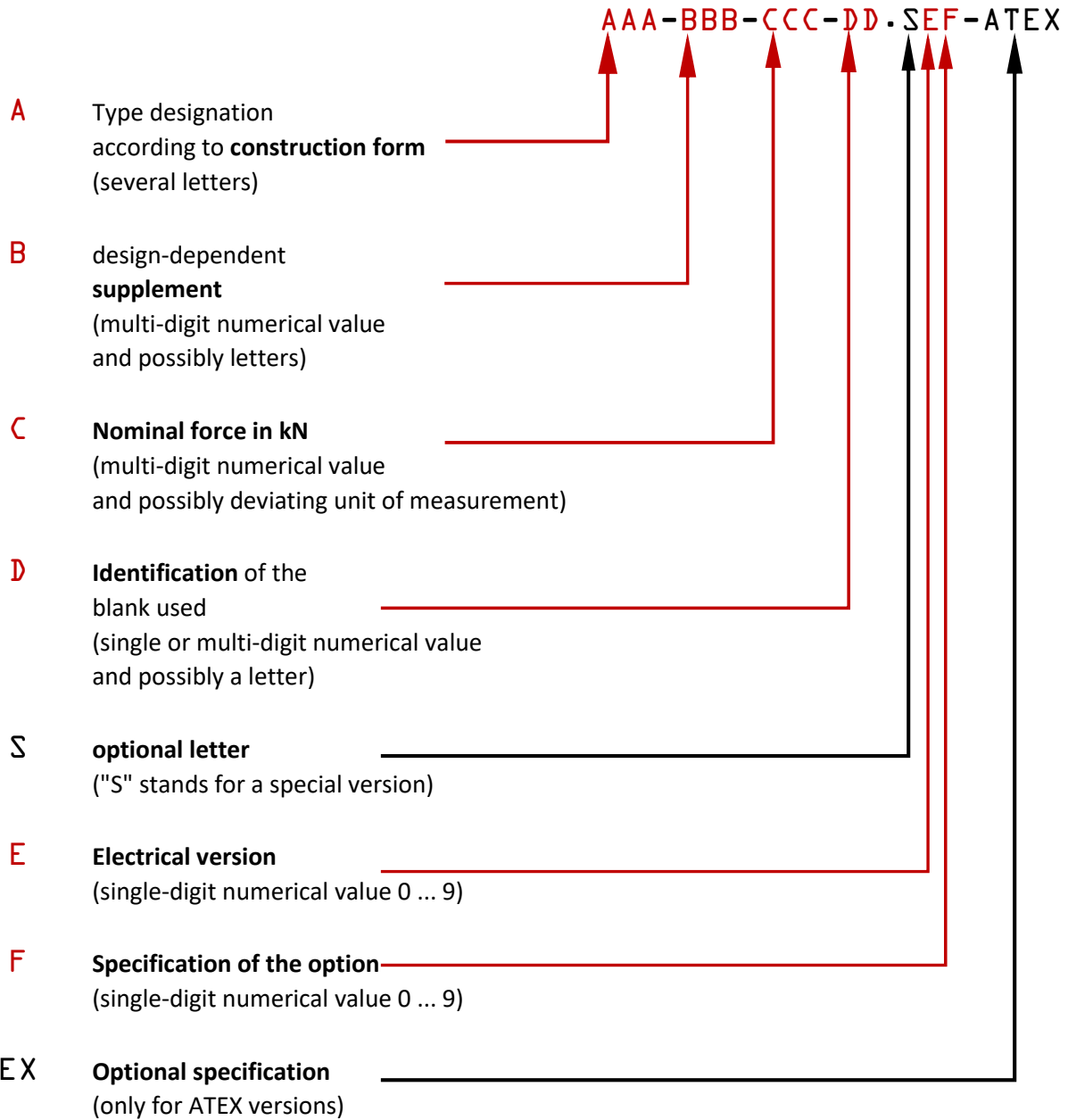
D **Identification** of the blank used (single or multi-digit numerical value and possibly a letter)

S **optional letter** ("S" stands for a special version)

E **Electrical version** (single-digit numerical value 0 ... 9)

F **Specification of the option** (single-digit numerical value 0 ... 9)

ATEX **Optional specification** (only for ATEX versions)





A – Type

Type designation according to construction form (several letters):

Type designation	Construction form – Family
ZKA	Tensile force transducer – rod
ZRA	Tensile force transducer – tube
KWZ	Tensile force transducer – lug
ZKAG	Tensile force transducer – rod end
SKA / BFS / LBA-120	Shear force transducer
RSA	Shear force transducer – ring
DSKA	Shear force transducer – double
SLS	Shear force transducer – washer (shear load washer)
WZE	Shear force transducer – load cell
SB / MB / SKL	Shear force transducer – measuring bolt
BKA / CFB	Bending force transducer
LBA-160	Bending force transducer – rope
BST	Bending force transducer – rod
KBK	Bending force transducer – cross
PBB	Bending force transducer – parallel (Parallel bending beam)
DPBB	Bending force transducer – double-parallel
DA	Strain transducer
DKA	Compression force transducer
RMA	Strain transducer – ring
SZ	Strain transducer – compression cylinder
DRA	Compression force transducer (-Pneumatics/-Hydraulics)
DZA / DD / MFD / ZDKA	Tension-compression force transducer

B – Supplements

Design-dependent supplement, multi-digit numerical value and possibly letters:

Letter	Blank body...
Without	... made of steel
A	... made of aluminium
D	... mechanically redundant (double)
R	... as special shape, round
S	... as special shape, special
V or Z	... as a special form

C – Nominal force

Nominal force in kN, multi-digit numerical value and possibly deviating unit of measurement.
 Deviating specifications in N, kg or t possible (customer request)



D – Identification

Identification of the blank used, single or multi-digit numerical value and possibly a letter. Numerical value identifies the mechanical design of the blank depending on the design, additional information and nominal force design

S - Optional letter

„S“ stands for a special electrical version:

- when using a special amplifier setting (zero point, nominal force or full scale)
- when using a special amplifier

E – electrical version

(single-digit numerical value 0 ... 9)

Number	Type of amplifier		
0	without amplifier		
1	One amplifier	1 ... 9 mA	Integrated into the sensor
2	One amplifier	1 ... 9 mA	External in the case
3	Two amplifier	1 ... 9 mA	Integrated into the sensor
4	Two amplifier	1 ... 9 mA	External in the case
5	One amplifier	4 ... 20 mA	Integrated into the sensor
6	One amplifier	4 ... 20 mA	External in the case
7	Two amplifier	4 ... 20 mA	Integrated into the sensor
8	Two amplifier	4 ... 20 mA	External in the case
9	One amplifier	CAN – BUS	External in the case