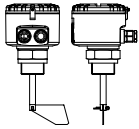


SILO ACCESSORIES
SILO MONITORING
FILL MONITORING

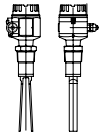
Material:	For items without material data, all parts are made of AlMg3, AlMgSi or Stainless Steel.
Standard accessories:	Accessories always include plant installation by P+W

Design example

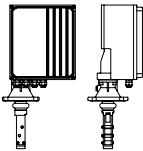
Rotating paddle level limit switch



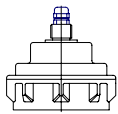
Vibration level limit switch



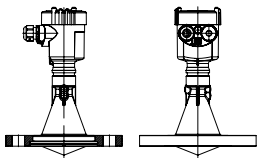
Silopilot



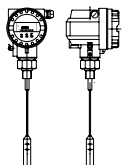
Ultra sonic sensor



Radar sensor



Mikrowave



Description		Article no.
Filling measuring instrument: limit switch		
DF	Level indicator for full, demand or empty conditions	
DFD 12	Rotating paddle level limit switch for max. fill level monitoring 600 – 1200 in length	DFD 12
DFM 25	Rotating paddle level limit switch for min. fill level, 250 in length	DFM 25
DF-EX	Rotating paddle level limit switch for full, demand or empty conditions in ATEX zones 20 / 21 / 22 upon request	
DFD-12 Schwing.01	Vibration level limit switch for min. and max. fill level monitoring	DFD-12 SCHWING.01
Filling measuring instrument: continuous		
SP	Silopilot for quasi-continuous fill level measurement by means of lowering filling weight SP 100 Silopilot	SP 100
ULTRA.01	Ultra sonic sensor for continuous fill level measurement	ULTRA.01
RADAR.001	Radar sensor for continuous fill level measurement, with plastic horn antenna (K-band)	RADAR.001
MIKROWELLE.01	Guided microwave for bulk solids	MIKROWELLE.001
Accessories for the filling measuring instrument		
SPS 100	Control cabinet for the Silopilot with analog display, as well as control lights for full and empty indicator with acknowledge button	SPS 100
SPS 100 MIKRO.001	Control cabinet for microwave with digital display of fill level, as well as control lights for full and empty indicator with acknowledge button. Incl. connection for acoustic alarm (horn)	SPS 100 MIKRO.001
SPS 100 ULTRA01	Control cabinet for ultra sonic with digital display of fill level, as well as control lights for full and empty indicator with acknowledge button. Incl. connection for acoustic alarm (horn)	SPS 100 ULTRA01
SPS 100 Tankwagen	Truck control module to be connected to the SPS 100 control cabinet	SPS 100 TANKWAGEN
KLEMM01	Terminal box in silo skirt, incl. wiring of the filling measuring instrument, incl. circuit diagrams	KLEMM 01
Nozzles for mounting the fill level device in the silo roof or silo shell. This should be taken into account when deciding on silo design and can be read about in "connection nozzles".		
Visualisation		
Upon request we can supply visualisation for the following volumes:		
<ul style="list-style-type: none"> - Graphic depiction of the silos on the screen - Graphic depiction or display of silo contents in tonnes, without limit level - Storing the measured values in the data bank - Graphic display of the stored measured values (history) - Display of malfunction in monitoring and emergency alarm report - Sending the fill levels via e-mail 		
VISUAL 01	Silo visualisation	VISUAL.01
All measurements in mm.		