

# Sliding gate automation

## TPS 40 PRO

### product features TPS 40 PRO

- suitable for heavy duty use (100% duty cycle)
- large, illuminated LC-Display (2x16 characters)
- clear text menu programmable via four buttons
- operation mode is selectable (impulse, automatic, deadman)
- free adjustable partial opening for pedestrians or car/truck function
- distance measurement via absolute encoder (no limit switches), no need of learning cycles after unlocking or power failure
- adjustable soft stop (distance and speed)
- adjustable speed (separately for OPEN and CLOSE), controlled by frequency converter
- mechanical brake for safe gate stop
- electronic monitoring of the emergency release
- direct connection of four separate 8,2 kΩ safety sensing edges
- input for rear area monitoring
- status display for safety and impulse inputs
- self-monitoring of photocells
- slot for radio receiver
- optional, external gate status display (e.g. for concierge)
- optional courtyard lamp module (230V, 100W)
- integrated main power switch and 230V Schuko socket
- optional height adjustable fork or angle for signal transmission system
- dimension (W x H x D): 520 x 995 x 230mm
- height adjustable gear wheel (top edge): 143–173,5mm
- gear wheel Z13 module 6



	max. gate weight	power supply	duty cycle operating mode S1	speed (m/min)	speed (mm/s)	product code	price (Euro) excl.VAT
TPS 40 PRO	up to 4000 kg	230V	100%	17,5	291	11110760	3.550,-
steel rack	1m, module 6, electrogalvanised, to bolt on					14210140	98,-
mounting bracket	electrogalvanised, for steel racks module 6, 4 pcs. incl. screws					14220110	22,10
fork for TX 100/TX 400i	hot-dip galvanised, height adjustable					13660540	49,-
2 pcs.TCL 80-BA	for PRO: safety sensing edges (passage edge) incl. C-profile, length 800mm					13650330	590,-

→ The max. gate weight is for easy moving and horizontal gates.

# Sliding gate automation

## TPS 40 PRO

description	TPS 6speed	TPS 40 PRO	TPS 60 PRO
gate weight	600kg	4000kg	6000kg
gear wheel	Z20 M4	Z13 M6	Z17 M6
power supply	230V±10%	230V±10%	400V±10%
motor voltage	3 x 230V	400 V	3 x 400V
max. drive distance	30m	30m	60m
duty cycle *	S1 100%	S1 100%	S3 80%
speed	m/min	30	17,5
	mm/s	500	291
torque	70Nm	100Nm	300Nm
increased driving torque	/	/	/
power consumption	3,0A	3,0A	5,0A
protection class	IP44	IP44	IP44
LCD with text programming	●	●	●
integrated control board	●	●	●
automatic reversal system			●
friction clutch			●
self-learning limit positions	●	●	●
soft stop	●	●	●
pedestrian entry function	●	●	●
dead man function	●	●	●
autom. courtyard lamp (adjust.)	optional	optional	
lockable emergency release		housing blocked with profile half cylinder	
integrated 8,2kΩ resistance evaluator	4-channels	4-channels	2-channels
force adjustment		frequency converter	



→ Note: the max. gate weights are for easy moving and horizontal gates.  
 \* The duty cycle depends on the gate weight. Check also technical data sheets.

