



asy/tdv/kl/b valves are designed for dosing cold glue in high speed applications. The short switching times enable precise dispensing amounts to be defined by modifying the time frame.

Measurements (LxBxH):	(60 x 75 x 16) mm
Medium:	cold glue
Viscosity range:	50 - 2000 mPas (thixotrop) according to application
Dosing time (minimum):	250 μ s one opening and closing
Dosing time (maximum):	unlimited (permanent dosing)
Stop time (minimum):	250 μ s between two dosings
Stop time (maximum):	unlimited (standstill)
Dosing frequency:	1000 Hz, however not more than 150 doses/s
Operating pressure (maximum):	100 bar
Throughput:	approx. 200 g/min at 1000 mPas at 60 bar
Ambient temperature range:	45 °C max.
Medium temperature range:	100 °C max. (not boiling medium)
Storage temperature range:	-10 °C to 85 °C
Sealing system:	Self-adjusting made of hard ceramic, can be removed for cleaning
Periodic maintenance and checkup:	>10 Mio cycles (depending on medium)
Electrical connection:	UTG 12polarized
Medium connection:	M10 x 1
Thread connection:	M 4 6mm deep
Degree of protection:	IP54

Application

- For use in cold glue applications, in either single or automated processes.

Order Number	Release	Description
asy/tdv/kl/b	1.0	Dosing valve for cold glue