

PTP50 - P&T Camera Ø 56 mm – 300 mm

Pan & Tilt Camera PTP50 for the AGILIOS™ push camera system. The application area starts at DN60. The camera disposes of an endless rotation and a large panning range. The camera is characterized by its high-grade and robust design and excellent optical qualities. The camera is optionally available as EX version.

TECHNICAL DATA - PTP50

Nominal pipe widths	DN 60 – DN 300
Pipe bend mobility	starting at DN 90 / 90°
Push operation	yes
Crawler operation	no
Pressure tightness	up to max. 1 bar
Panning range	-30° – +120°
Rotation range	endless
Illumination	LED illumination
Angle of view	80 ° horizontal
Focus	1 mm – ∞
Horizontal resolution	500 TVL / PAL
Shutter	fix
Light sensitivity	0.4 Lux
Upright picture	yes (in axial view)
Locating	512 Hz / 640 Hz / 33 kHz (activatable and switchable)
Laser pointer	yes
Distance laser	21 mm
Internal pressure sensor	yes
Angle sensor panning	yes
Angle sensor rotation	yes
Protection class	IP68 up to 10 m of water depth
Ambient temperature area	0 °C – 40 °C
Storage temperature area	-20 °C – 70 °C
Material	Aluminium (hard coated)
Dimensions (ø x L)	49 x 308 mm (incl. spring connector)
Weight	approx. 1.4 kg



- CMOS-color camera
- Rotation and pan unit integrated in the camera head
- Backwards view into the connecting pipelines when inspecting IN water flow direction
- Strong homogeneous illumination through adjustable LED illumination
- Impact-resistant lighting ring with integrated bumper made of stainless steel
- Scratchproof, replaceable camera front glass
- Upright picture (in axial view)
- Integrated laser to measure the diameter and crack width
- Multi-frequency of the location transmitter (activatable and switchable)
- High resolution
- Large angle of view
- Focus mode
- Compatible with the AGILIOS™ push camera system
- Compatible with the ROVION satellite inspection system
- Optionally available as EX version



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