

sensing range	3mm	3mm	3mm
version	Ø6.5mm	Ø6.5mm	Ø6.5mm
mounting	semi-flush	semi-flush	semi-flush
connection	2m PVC cable	M12-connector	M8-connector
article-no.	IB060106	IB060126	IB060176
output signal	pnnp, no	pnnp, no	pnnp, no
article-no.	*	*	IB060276
output signal	pnnp, nc	pnnp, nc	pnnp, nc
article-no.	*	*	*
output signal	nnp, no	nnp, no	nnp, no
article-no.	*	*	*
output signal	nnp, nc	nnp, nc	nnp, nc
* on request			
TECHNICAL DATA			
sensing range (Sn)	3mm	3mm	3mm
output signal	see above	see above	see above
operating voltage	10 ... 30V DC	10 ... 30V DC	10 ... 30V DC
current consumption (w/o load)	≤ 10mA	≤ 10mA	≤ 10mA
output current (max. load)	200mA	200mA	200mA
voltage drop (max. load)	2.0V DC	2.0V DC	2.0V DC
norm target	9x9x1mm, FE360	9x9x1mm, FE360	9x9x1mm, FE360
hysteresis (of Sr) typical	< 10%	< 10%	< 10%
repeat accuracy (of Sr)	0.15mm	0.15mm	0.15mm
correction factors (steel / st. steel)	1.0 / 0.67	1.0 / 0.67	1.0 / 0.67
correction factors (Al / Cu / brass)	0.26 / 0.18 / 0.35	0.26 / 0.18 / 0.35	0.26 / 0.18 / 0.35
sampling frequency	1kHz	1kHz	1kHz
status display	yellow LED	yellow LED	yellow LED
short-circuit protection	+	+	+
reverse polarity protection	+	+	+
design	Ø6.5mm	Ø6.5mm	Ø6.5mm
housing material	chrome-plated brass	chrome-plated brass	chrome-plated brass
length (thread/complete)	- / 45mm	- / 66mm	- / 60mm
temperature range	-25 ... +70°C	-25 ... +70°C	-25 ... +70°C
system of protection (EN 60529)	IP67	IP67	IP67
connection	2m PVC cable	M12-connector, 3-pin	M8-connector, 3-pin
connection accessories	-	e.g. VK200021, 2m	e.g. VK200071, 2m
mounting accessories (see p. 15)	quick clip AY000046	quick clip AY000046	quick clip AY000046
	SAP: 110384		SAP: 110486