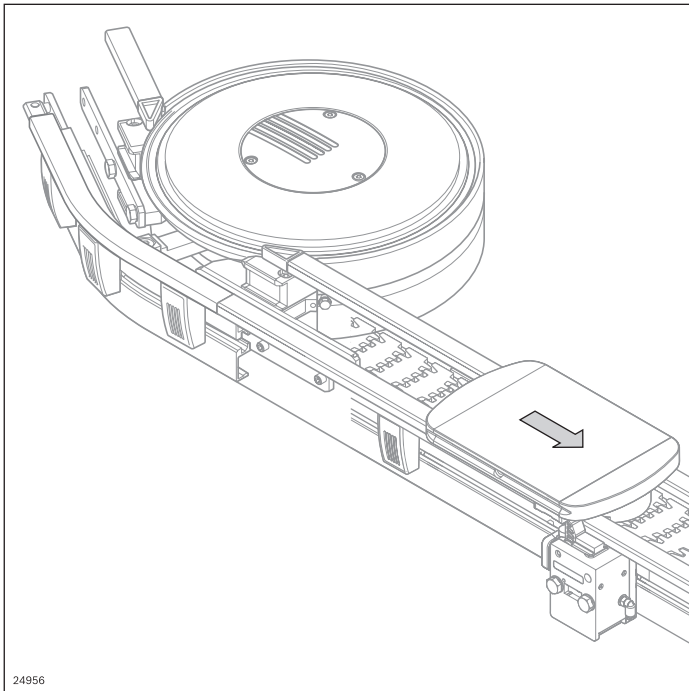


Workpiece pallet system (WT)



- ▶ Secure transport of parts thanks to the modular design with comprehensive additional components
- ▶ Numerous components for control WT such as diverter, stopper, positioning unit, etc.
- ▶ Selection of wear pads with different materials
- ▶ Compatible with the identification system ID 15

Sensors



- ▶ Detecting the position of a workpiece pallet
- ▶ Stop gate / positioning unit position sensing

- Required accessories:
- Switch bracket SH VF/U
 - Switch bracket SH VF/UV
 - Stop gate / positioning unit position sensing

Sensor	No.
M12x45 sensor	3 842 557 633
M12x45 sensor	3 842 549 814
M12x60 sensor	3 842 558 990
M12x44 sensor	3 842 549 813
M12x44 sensor	3 842 549 811
M8x30 sensor	3 842 551 761

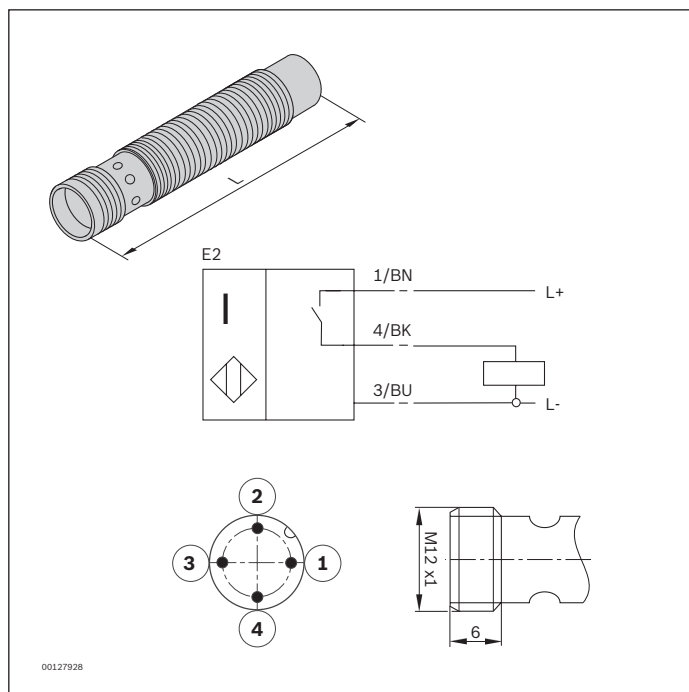
Sensor application matrix

Diameter with connector		Sensor		
	M12 with M12	3 842 557 633	3 842 558 990	3 842 549 814
	M12 with M8	3 842 549 813		3 842 549 811
	M8 with M8		3 842 551 761	
WT position sensing	SH VF/U		X	
	SH VF/UV	(X)	X	
Stop gate position sensing	Position sensing		X	
Positioning unit position sensing	Position sensing			X

Material number		3 842 557 633	3 842 549 814	3 842 558 990	3 842 549 813	3 842 549 811	3 842 551 761
Properties							
Protection rating		IP 68	IP 67	IP 68	IP 67	IP 67	IP 68
Material		Housing: CuZn; nickelfree coating Active surface: LCP	Housing: CuZn; nickelfree coating Active surface: LCP	Housing: CuZn; nickelfree coating Active surface: LCP	Housing: CuZn; nickelfree coating Active surface: PBT	Housing: CuZn; nickelfree coating Active surface: LCP	Housing: Non-rusting steel 1.4301 Active surface: PBT
Max. operating temperature	T °C	-25 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C
Dimensions	mm	M12 x 45	M12 x 45	M12 x 60	M12 x 44	M12 x 44	M8 x 30
Length	L mm	45	45	60	44	44	30
Connector		M12x1	M12x1	M12x1	M8x1	M8x1	M8x1
Additional information							
Rated switching distance	S _N mm	8	4	8	8	4	2
Switching frequency	Hz	500	300	1000	800	2500	1500
Operating current	mA	200	200	200	200	200	200
Mechanical installation		Not flush	Flush	Not flush	Not flush	Flush	Flush
Function indicator		LED	LED	LED	LED	LED	LED
Switching output		PNP	PNP	PNP	PNP	PNP	PNP
Switching function		Normally open (NO)	Normally open (NO)	Normally open (NO)	Normally open (NO)	Normally open (NO)	Normally open (NO)
Operating voltage	V DC	10 ... 30	10 ... 30	10 ... 30	10 ... 30	10 ... 30	10 ... 30
Approvals		cULus, CE, EAC	cULus, CE, EAC	cULus, CE, EAC	cULus, CE, EAC	cULus, CE, EAC	cULus, CE, EAC
Conformity with standards		IEC 60947-5-2	IEC 60947-5-2	IEC 60947-5-2	IEC 60947-5-2	IEC 60947-5-2	IEC 60947-5-2

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M12x1



M8x1

